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PASSWORD:

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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	40	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	41	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	42	Feb 13	CANCERLIT is no longer being updated
NEWS	43	Feb 24	METADEX enhancements
NEWS	44	Feb 24	PCTGEN now available on STN
NEWS	45	Feb 24	TEMA now available on STN
NEWS	46	Feb 26	NTIS now allows simultaneous left and right truncation

NEWS 47 Feb 26 PCTFULL now contains images
NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 50 Mar 20 EVENTLINE will be removed from STN
NEWS 51 Mar 24 PATDPAFULL now available on STN
NEWS 52 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 31 MAR 2003 HIGHEST RN 501072-24-8

DICTIONARY FILE UPDATES: 31 MAR 2003 HIGHEST RN 501072-24-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> nipodipine
NIPODIPINE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s nimodipine
L1 5 NIMODIPINE

=> s feldipine
L2 0 FELDIPINE

=> s gabatril
L3 1 GABATRIL

=> s tiagabine
L4 4 TIAGABINE

=> s benadryl
L5 3 BENADRYL

=> s methylprednisolone
L6 70 METHYLPREDNISOLONE

=> s azt
L7 6 AZT

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	31.14	31.35

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003
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FILE COVERS 1907 - 1 Apr 2003 VOL 138 ISS 14
FILE LAST UPDATED: 31 Mar 2003 (20030331/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s calcium channel
 623296 CALCIUM
 202989 CHANNEL
L8 22343 CALCIUM CHANNEL
 (CALCIUM(W)CHANNEL)

=> e imune

E1	1	IMUNACE/BI
E2	1	IMUNDBO/BI
E3	10 -->	IMUNE/BI
E4	1	IMUNELL/BI
E5	1	IMUNESU/BI
E6	1	IMUNIS/BI
E7	1	IMUNITA/BI
E8	1	IMUNITY/BI
E9	1	IMUNIZACIE/BI
E10	1	IMUNIZATION/BI
E11	1	IMUNNOSUPPRESSION/BI
E12	1	IMUNNOTOXICOL/BI

=> e immune

E1	1	IMMUNDIFFUSION/BI
E2	1	IMMUNDYSREGULATORY/BI
E3	146767 -->	IMMUNE/BI
E4	1	IMMUNEACTIVE/BI
E5	1	IMMUNEADJUVANT/BI
E6	1	IMMUNEAGING/BI
E7	1	IMMUNEANTIGEN/BI
E8	1	IMMUNEASSAY/BI
E9	1	IMMUNEASSOCD/BI
E10	1	IMMUNEBODIES/BI
E11	1	IMMUNECARRIER/BI
E12	2	IMMUNECOMPETENT/BI

=> s e3

L9 146767 IMMUNE/BI

=> d his

(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1	5 S	NIMODIPINE
L2	0 S	FELDIPINE
L3	1 S	GABATRIL
L4	4 S	TIAGABINE
L5	3 S	BENADRYL
L6	70 S	METHYLPREDNISOLONE
L7	6 S	AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8	22343 S	CALCIUM CHANNEL
	E	IMUNE
	E	IMMUNE
L9	146767 S	E3

=> s l1

L10 1810 L1

=> s l3

L11 208 L3

=> s l4

L12 227 L4

=> s l5

L13 1339 L5

=> s l10 and l11

L14 9 L10 AND L11

=> s 110 and 112

L15 11 L10 AND L12

=> s 114 not 115

L16 0 L14 NOT L15

=> d 115 1-11

L15 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2003:202410 CAPLUS

TI Novel pharmaceuticals comprising drug conjugates with polypeptide carriers

IN Picariello, Thomas

PA New River Pharmaceuticals Inc., USA

SO PCT Int. Appl., 2059 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2003020200	A2	20030313	WO 2001-US43117	20011116
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,				
	UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				
	CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2000-248600P	P	20001116		
	US 2000-248601P	P	20001116		
	US 2000-248603P	P	20001116		
	US 2000-248604P	P	20001116		
	US 2000-248606P	P	20001116		
	US 2000-248607P	P	20001116		
	US 2000-248608P	P	20001116		
	US 2000-248609P	P	20001116		
	US 2000-248611P	P	20001116		
	US 2000-248689P	P	20001116		
	US 2000-248691P	P	20001116		
	US 2000-248692P	P	20001116		
	US 2000-248693P	P	20001116		
	US 2000-248694P	P	20001116		
	US 2000-248695P	P	20001116		
	US 2000-248696P	P	20001116		
	US 2000-248697P	P	20001116		
	US 2000-248698P	P	20001116		
	US 2000-248701P	P	20001116		
	US 2000-248702P	P	20001116		
	US 2000-248703P	P	20001116		
	US 2000-248704P	P	20001116		
	US 2000-248705P	P	20001116		
	US 2000-248706P	P	20001116		
	US 2000-248707P	P	20001116		
	US 2000-248708P	P	20001116		
	US 2000-248709P	P	20001116		
	US 2000-248710P	P	20001116		
	US 2000-248711P	P	20001116		
	US 2000-248712P	P	20001116		

L15 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:556104 CAPLUS
 DN 137:109489
 TI Compositions comprising a polypeptide and an active agent
 IN Piccariello, Thomas; Olon, Lawrence P.; Kirk, Randal J.
 PA USA
 SO U.S. Pat. Appl. Publ., 34 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2002099013	A1	20020725	US 2001-933708	20010822
PRAI	US 2000-247556P	P	20001114		
	US 2000-247558P	P	20001114		
	US 2000-247559P	P	20001114		
	US 2000-247560P	P	20001114		
	US 2000-247561P	P	20001114		
	US 2000-247594P	P	20001114		
	US 2000-247595P	P	20001114		
	US 2000-247606P	P	20001114		
	US 2000-247607P	P	20001114		
	US 2000-247608P	P	20001114		
	US 2000-247609P	P	20001114		
	US 2000-247610P	P	20001114		
	US 2000-247611P	P	20001114		
	US 2000-247612P	P	20001114		
	US 2000-247620P	P	20001114		
	US 2000-247621P	P	20001114		
	US 2000-247634P	P	20001114		
	US 2000-247635P	P	20001114		
	US 2000-247698P	P	20001114		
	US 2000-247699P	P	20001114		
	US 2000-247700P	P	20001114		
	US 2000-247701P	P	20001114		
	US 2000-247702P	P	20001114		
	US 2000-247797P	P	20001114		
	US 2000-247798P	P	20001114		
	US 2000-247799P	P	20001114		
	US 2000-247800P	P	20001114		
	US 2000-247801P	P	20001114		
	US 2000-247802P	P	20001114		
	US 2000-247803P	P	20001114		
	US 2000-247804P	P	20001114		
	US 2000-247805P	P	20001114		
	US 2000-247807P	P	20001114		
	US 2000-247832P	P	20001114		
	US 2000-247833P	P	20001114		
	US 2000-247926P	P	20001114		
	US 2000-247927P	P	20001114		
	US 2000-247928P	P	20001114		
	US 2000-247929P	P	20001114		
	US 2000-247930P	P	20001114		

L15 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:488246 CAPLUS
 DN 137:57576
 TI Methods and compositions using ion-dependent cotransporter modulators for treating conditions of the central and peripheral nervous systems using non-synaptic mechanisms

IN Hochman, Daryl W.
 PA Cytoscan Sciences L.L.C., USA
 SO U.S. Pat. Appl. Publ., 29 pp., Cont.-in-part of U.S. Ser. No. 470,637.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002082252	A1	20020627	US 2002-56528	20020123
	US 6495601	B1	20021217	US 1999-470637	19991222
PRAI	US 1998-113620P	P	19981223		
	US 1999-470637	A2	19991222		
	US 2001-263830P	P	20010123		

L15 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2002:428760 CAPLUS

DN 137:24314

TI Methods and apparatus for determining and utilizing the viscosity of circulating blood over a range of shear rates for diagnostics and treatment

IN Kensey, Kenneth; Hokanson, Charles

PA Visco Technologies, Inc., USA

SO PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002043806	A2	20020606	WO 2001-US44352	20011127
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2301161	AA	19990304	CA 1998-2301161	19980826
	NZ 502905	A	20010831	NZ 1998-502905	19980826
	JP 2001514384	T2	20010911	JP 2000-507994	19980826
	NO 2000000944	A	20000225	NO 2000-944	20000225
	US 2002061835	A1	20020523	US 2001-828761	20010409
	AU 2002026986	A5	20020611	AU 2002-26986	20011127
PRAI	US 1997-966076	A	19971107		
	US 2000-727950	A	20001201		
	US 2001-819924	A	20010328		
	US 2001-828761	A	20010409		
	US 2001-839785	A	20010420		
	US 1997-919906	A	19970828		
	WO 1998-US17657	W	19980826		
	US 1999-439795	A2	19991112		
	US 2000-501856	A2	20000210		
	US 2000-628401	A2	20000801		
	WO 2001-US44352	W	20011127		

L15 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2002:392219 CAPLUS

DN 136:406945

TI Methods for in vivo drug delivery based on monitoring blood flow

parameters
IN Kensey, Kenneth R.
PA USA
SO U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 727,950.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002061835	A1	20020523	US 2001-828761	20010409
	US 6019735	A	20000201	US 1997-919906	19970828
	CA 2301161	AA	19990304	CA 1998-2301161	19980826
	NZ 502905	A	20010831	NZ 1998-502905	19980826
	JP 2001514384	T2	20010911	JP 2000-507994	19980826
	US 6322524	B1	20011127	US 1999-439795	19991112
	US 6322525	B1	20011127	US 2000-501856	20000210
	NO 2000000944	A	20000225	NO 2000-944	20000225
	US 6428488	B1	20020806	US 2000-615340	20000712
	US 2001039828	A1	20011115	US 2001-789350	20010221
	US 2002007664	A1	20020124	US 2001-897164	20010702
	US 6484565	B2	20021126		
	WO 2002043806	A2	20020606	WO 2001-US44352	20011127
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	AU 2002026986	A5	20020611	AU 2002-26986	20011127
	US 2002088953	A1	20020711	US 2001-33841	20011227
	US 2002184941	A1	20021212	US 2002-156165	20020528
PRAI	US 1997-919906	A2	19970828		
	US 1999-439795	A2	19991112		
	US 2000-501856	A2	20000210		
	US 2000-628401	A2	20000801		
	US 2000-727950	A2	20001201		
	US 1997-966076	A	19971107		
	WO 1998-US17657	W	19980826		
	KR 2000-16044	A	20000329		
	US 2000-615340	A3	20000712		
	US 2000-228612P	P	20000828		
	US 2001-789350	A2	20010221		
	US 2001-819924	A	20010328		
	US 2001-828761	A	20010409		
	US 2001-839785	A	20010420		
	US 2001-897164	A3	20010702		
	WO 2001-US44352	W	20011127		

L15 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 2002:332011 CAPLUS
DN 136:355482
TI Compositions comprising a polypeptide and an active agent
IN Piccariello, Thomas; Olon, Lawrence P.; Kirk, Randall J.
PA New River Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002034237	A1	20020502	WO 2001-US26142	20010822
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2001086599	A5	20020506	AU 2001-86599	20010822
PRAI	US 2000-642820	A	20000822		
	WO 2001-US26142	W	20010822		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2002:185688 CAPLUS

DN 136:252567

TI Methods for drug administration and distribution based on monitoring blood viscosity and other parameters for diagnostics and treatment

IN Kensey, Kenneth

PA USA

SO U.S. Pat. Appl. Publ., 46 pp., Cont.-in-part of U.S. Ser. No. 819,924.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002032149	A1	20020314	US 2001-841389	20010424
	US 6019735	A	20000201	US 1997-919906	19970828
	CA 2301161	AA	19990304	CA 1998-2301161	19980826
	NZ 502905	A	20010831	NZ 1998-502905	19980826
	JP 2001514384	T2	20010911	JP 2000-507994	19980826
	US 6322524	B1	20011127	US 1999-439795	19991112
	US 6322525	B1	20011127	US 2000-501856	20000210
	NO 2000000944	A	20000225	NO 2000-944	20000225
	US 6428488	B1	20020806	US 2000-615340	20000712
	US 2001039828	A1	20011115	US 2001-789350	20010221
	US 2002007664	A1	20020124	US 2001-897164	20010702
	US 6484565	B2	20021126		
	US 2002088953	A1	20020711	US 2001-33841	20011227
	US 2002184941	A1	20021212	US 2002-156165	20020528
PRAI	US 1997-919906	A2	19970828		
	US 1999-439795	A2	19991112		
	US 2000-501856	A2	20000210		
	US 2000-628401	A2	20000801		
	US 2000-727950	A2	20001201		
	US 2001-819924	A2	20010328		
	US 1997-966076	A	19971107		
	WO 1998-US17657	W	19980826		
	KR 2000-16044	A	20000329		
	US 2000-615340	A3	20000712		
	US 2000-228612P	P	20000828		
	US 2001-789350	A2	20010221		
	US 2001-897164	A3	20010702		

L15 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2001:338762 CAPLUS
 DN 134:362292
 TI Methods of determining individual hypersensitivity to a pharmaceutical agent from gene expression profile
 IN Farr, Spencer
 PA Phase-1 Molecular Toxicology, USA
 SO PCT Int. Appl., 222 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001032928	A2	20010510	WO 2000-US30474	20001103
	WO 2001032928	A3	20020725		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
PRAI	US 1999-165398P	P	19991105		
	US 2000-196571P	P	20000411		

L15 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:725436 CAPLUS
 DN 133:301171
 TI Compositions and methods for improved delivery of ionizable hydrophobic therapeutic agents
 IN Chen, Feng-jing; Patel, Manesh V.
 PA Lipocine, Inc., USA
 SO PCT Int. Appl., 99 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059475	A1	20001012	WO 2000-US7342	20000316
	W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
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	US 6383471	B1	20020507	US 1999-287043	19990406
	EP 1165048	A1	20020102	EP 2000-916547	20000316
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
PRAI	US 1999-287043	A	19990406		
	WO 2000-US7342	W	20000316		
RE.CNT	3		THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2003 ACS
 AN 1992:420307 CAPLUS

DN 117:20307
TI Effects of anticonvulsant drugs on 4-aminopyridine-induced seizures in mice
AU Yamaguchi, Shunichi; Rogawski, Michael A.
CS Neuronal Excitability Sect., Natl. Inst. Neurol. Disord. Stroke, Bethesda, MD, 20892, USA
SO Epilepsy Research (1992), 11(1), 9-16
CODEN: EPIRE8; ISSN: 0920-1211
DT Journal
LA English

L15 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 1992:248276 CAPLUS
DN 116:248276
TI Protection against dendrotoxin-induced clonic seizures in mice by anticonvulsant drugs
AU Coleman, Mark H.; Yamaguchi, Shunichi; Rogawski, Michael A.
CS Neur. Excitabil. Sect., Natl. Inst. Neurol. Disord. Stroke, Bethesda, MD, 20892, USA
SO Brain Research (1992), 575(1), 138-42
CODEN: BRREAP; ISSN: 0006-8993
DT Journal
LA English

=> d his

(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1 5 S NIMODIPINE
L2 0 S FELDIPINE
L3 1 S GABATRIL
L4 4 S TIAGABINE
L5 3 S BENADRYL
L6 70 S METHYLPREDNISOLONE
L7 6 S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8 22343 S CALCIUM CHANNEL
E IMUNE
E IMMUNE
L9 146767 S E3
L10 1810 S L1
L11 208 S L3
L12 227 S L4
L13 1339 S L5
L14 9 S L10 AND L11
L15 11 S L10 AND L12
L16 0 S L14 NOT L15

=> s l13 and l15

L17 0 L13 AND L15

=> e seisure

E1 3 SEISTAN/BI
E2 2 SEISUI/BI
E3 5 --> SEISURE/BI
E4 1 SEISURES/BI
E5 1 SEISURUKA/BI
E6 1 SEISYAN/BI
E7 11 SEIT/BI

E8	5	SEITA/BI
E9	1	SEITAH/BI
E10	151	SEITAI/BI
E11	1	SEITAIBUNSHI/BI
E12	7	SEITAIGAKU/BI

=> e seizure

E1	1	SEIZUORGENIC/BI
E2	5	SEIZURAL/BI
E3	12008	--> SEIZURE/BI
E4	10	SEIZURED/BI
E5	1	SEIZUREGENIC/BI
E6	1	SEIZUREINDUCED/BI
E7	10	SEIZURELIKE/BI
E8	12766	SEIZURES/BI
E9	1	SEIZURESAND/BI
E10	1	SEIZURGENIC/BI
E11	14	SEIZURING/BI
E12	8	SEIZUROGENIC/BI

=> s e3-e8

	12008	SEIZURE/BI
	10	SEIZURED/BI
	1	SEIZUREGENIC/BI
	1	SEIZUREINDUCED/BI
	10	SEIZURELIKE/BI
	12766	SEIZURES/BI
L18	18428	(SEIZURE/BI OR SEIZURED/BI OR SEIZUREGENIC/BI OR SEIZUREINDUCED/BI OR SEIZURELIKE/BI OR SEIZURES/BI)

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(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

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L2	0	S FELDIPINE
L3	1	S GABATRIL
L4	4	S TIAGABINE
L5	3	S BENADRYL
L6	70	S METHYLPREDNISOLONE
L7	6	S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8	22343	S CALCIUM CHANNEL
		E IMUNE
		E IMMUNE
L9	146767	S E3
L10	1810	S L1
L11	208	S L3
L12	227	S L4
L13	1339	S L5
L14	9	S L10 AND L11
L15	11	S L10 AND L12
L16	0	S L14 NOT L15
L17	0	S L13 AND L15
		E SEISURE
		E SEIZURE
L18	18428	S E3-E8

=> s l18 and l9

L19	54	L18 AND L9
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=> s 118 and 113
L20 2 L18 AND L13

=> d 120 1-2

L20 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1970:65152 CAPLUS
DN 72:65152
TI Experimental evaluation of the anticonvulsant activity of some
antihistaminic drugs
AU Saxena, V. C.; Bapat, S. K.; Dhawan, B. N.
CS Dep. Pharmacol., M.L.N. Med. Coll., Allahabad, India
SO Japanese Journal of Pharmacology (1969), 19(4), 477-84
CODEN: JJPAAZ; ISSN: 0021-5198
DT Journal
LA English

L20 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1960:120505 CAPLUS
DN 54:120505
OREF 54:23068c-g
TI Central nervous system depressants
AU Chen, Graham; Bohner, Barbara
CS Parke, Davis & Co., Detroit, MI
SO Arch. intern. pharmacodynamie (1960), 125, 1-20
DT Journal
LA English

=> s 118 and 110
L21 64 L18 AND L10

=> d 121 40-64

L21 ANSWER 40 OF 64 CAPLUS COPYRIGHT 2003 ACS
AN 1991:550189 CAPLUS
DN 115:150189
TI Nimodipine decreases resuscitability in a cardiopulmonary arrest model in
the rat
AU Calle, Paul A.; Bogaert, Marc G.; De Ridder, Leo; Buylaert, Walter A.
CS Med. Sch., Univ. Gent, Ghent, B-9000, Belg.
SO Resuscitation (1991), 21(2-3), 229-37
CODEN: RSUSBS; ISSN: 0300-9572
DT Journal
LA English

L21 ANSWER 41 OF 64 CAPLUS COPYRIGHT 2003 ACS
AN 1991:508394 CAPLUS
DN 115:108394
TI Chronic dihydropyridine treatment can reverse the behavioral consequences
of and prevent adaptations to, chronic ethanol treatment
AU Whittington, M. A.; Dolin, S. J.; Patch, T. L.; Siarey, R. J.;
Butterworth, A. R.; Little, H. J.
CS Pharmacol. Dep., Med. Sch., Bristol, BS8 1TD, UK
SO British Journal of Pharmacology (1991), 103(3), 1669-76
CODEN: BJPCBM; ISSN: 0007-1188
DT Journal
LA English

L21 ANSWER 42 OF 64 CAPLUS COPYRIGHT 2003 ACS
AN 1991:485304 CAPLUS

DN 115:85304
 TI Effects of nimodipine on l-glutamate-induced **seizures** and calcium influx in hippocampus in freely moving rats
 AU Lu, Youming; Zhang, Juntian; Zhao, Fuqing; Li, Fang
 CS Inst. Mater. Med., Chin. Acad. Med. Sci., Beijing, 100050, Peop. Rep. China
 SO Zhongguo Yaoli Xuebao (1991), 12(4), 297-300
 CODEN: CYLPDN; ISSN: 0253-9756
 DT Journal
 LA English

L21 ANSWER 43 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1991:55645 CAPLUS
 DN 114:55645
 TI Effect of calcium channel blockers on experimentally induced **seizures** in rats
 AU Kamal, J. A.; Nadig, R. S.; Joseph, Thangam; David, Joy
 CS Dep. Pharmacol., St. John's Med. Coll., Bangalore, 560 034, India
 SO Indian Journal of Experimental Biology (1990), 28(7), 605-8
 CODEN: IJEBA6; ISSN: 0019-5189
 DT Journal
 LA English

L21 ANSWER 44 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:526531 CAPLUS
 DN 113:126531
 TI Anticonvulsant properties of some calcium antagonists on sound-induced **seizures** in genetically epilepsy prone rats
 AU De Sarro, Giovambattista; De Sarro, Angelina; Federico, Francesco; Meldrum, Brian S.
 CS Fac. Med., Univ. Messina, Messina, 98100, Italy
 SO General Pharmacology (1990), 21(5), 769-78
 CODEN: GEPHDP; ISSN: 0306-3623
 DT Journal
 LA English

L21 ANSWER 45 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:491312 CAPLUS
 DN 113:91312
 TI Effects of the dihydropyridine calcium channel antagonist nimodipine on kainic acid-induced limbic **seizures**
 AU Paczynski, Richard P.; Meyer, Fredric B.; Anderson, Robert E.
 CS Dep. Neurosurg., Mayo Clin., Rochester, MN, 55905, USA
 SO Epilepsy Research (1990), 6(1), 33-8
 CODEN: EPIRE8; ISSN: 0920-1211
 DT Journal
 LA English

L21 ANSWER 46 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:491215 CAPLUS
 DN 113:91215
 TI Nimodipine has no beneficial effect on neurological outcome in a cardiopulmonary arrest model in the rat
 AU Calle, P. A.; Bogaert, M. G.; De Ridder, L.; Buylaert, W. A.
 CS Med. Sch., Univ. Gent, Ghent, B-9000, Belg.
 SO Naunyn-Schmiedeberg's Archives of Pharmacology (1990), 341(6), 586-91
 CODEN: NSAPCC; ISSN: 0028-1298
 DT Journal
 LA English

L21 ANSWER 47 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:471211 CAPLUS

DN 113:71211
 TI Effect of drugs belonging to different classes of calcium channel blockers on experimental **seizures** induced by the calcium channel agonist BAY K 8644
 AU Bianchi, Mauro; Rovati, Lucio C.; Sacerdote, Paola; Mantegazza, Paolo; Panerai, Alberto E.
 CS Dep. Pharmacol., Univ. Milano, Milano, 20129, Italy
 SO Neuroscience Research Communications (1990), 6(3), 157-62
 CODEN: NRCOEE; ISSN: 0893-6609
 DT Journal
 LA English

L21 ANSWER 48 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:400420 CAPLUS
 DN 113:420
 TI The antiseizure activity of dihydropyridine calcium channel antagonists in the conscious rat
 AU Moron, M. A.; Stevens, C. W.; Yaksh, T. L.
 CS Dep. Pharmacol., Mayo Clin., Rochester, MN, 55905, USA
 SO Journal of Pharmacology and Experimental Therapeutics (1990), 252(3), 1150-5
 CODEN: JPETAB; ISSN: 0022-3565
 DT Journal
 LA English

L21 ANSWER 49 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:151678 CAPLUS
 DN 112:151678
 TI Anticonvulsant effects of dihydropyridine calcium antagonists in electrocortical shock **seizures**
 AU Meyer, Fredric B.; Anderson, Robert E.; Sundt, Thoralf M., Jr.
 CS Cerebrovasc. Res. Dep. Neurosurg., Mayo Clin., Rochester, MN, USA
 SO Epilepsia (1990), 31(1), 68-74
 CODEN: EPILAK; ISSN: 0013-9580
 DT Journal
 LA English

L21 ANSWER 50 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:132386 CAPLUS
 DN 112:132386
 TI The effect of nimodipine on picrotoxin-induced **seizures**
 AU Thomas, Jocelyn
 CS Dep. Psychol., Univ. New Orleans, New Orleans, LA, 70148, USA
 SO Brain Research Bulletin (1990), 24(1), 11-15
 CODEN: BRBUDU; ISSN: 0361-9230
 DT Journal
 LA English

L21 ANSWER 51 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:526875 CAPLUS
 DN 111:126875
 TI Differential effects of acute and repeated electrically and chemically induced **seizures** on [3H]nimodipine and [125I]omega-conotoxin GVIA binding in rat brain
 AU Gleiter, Christoph H.; Cain, Christopher J.; Weiss, Susan R. B.; Post, Robert M.; Marangos, Paul J.
 CS Natl. Inst. Alcohol Abuse Alcohol., Natl. Inst. Ment. Health, Bethesda, MD, USA
 SO Epilepsia (1989), 30(4), 487-92
 CODEN: EPILAK; ISSN: 0013-9580
 DT Journal
 LA English

L21 ANSWER 52 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:470587 CAPLUS
 DN 111:70587
 TI Effects of NB-818 on a transient bilateral common carotid arteries occlusion model in Mongolian gerbils
 AU Kamei, Kazuo; Tsuchida, Sonoko; Nishikibe, Masaru
 CS Cent. Res. Lab., Banyu Pharm. Co., Ltd., Tokyo, 153, Japan
 SO Nippon Yakurigaku Zasshi (1989), 93(6), 341-7
 CODEN: NYKZAU; ISSN: 0015-5691
 DT Journal
 LA Japanese

L21 ANSWER 53 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:433523 CAPLUS
 DN 111:33523
 TI Diltiazem enhances and flunarizine inhibits nimodipine's antiseizure effects
 AU Moron, M. A.; Stevens, C. W.; Yaksh, T. L.
 CS Dep. Pharmacol., Mayo Clin., Rochester, MN, 55905, USA
 SO European Journal of Pharmacology (1989), 163(2-3), 299-307
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L21 ANSWER 54 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:400550 CAPLUS
 DN 111:550
 TI Potassium-stimulated calcium uptake in astrocytes and its potent inhibition by nimodipine
 AU Hertz, L.; Bender, A. S.; Woodbury, D. M.; White, H. S.
 CS Coll. Med., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
 SO Journal of Neuroscience Research (1989), 22(2), 209-15
 CODEN: JNREDK; ISSN: 0360-4012
 DT Journal
 LA English

L21 ANSWER 55 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:504736 CAPLUS
 DN 109:104736
 TI Anticonvulsant profile of the dihydropyridine calcium channel antagonists, nitrendipine and nimodipine
 AU Dolin, Simon J.; Hunter, Anthony B.; Halsey, Michael J.; Little, Hilary J.
 CS Dep. Anaesth., Addenbrooke's Hosp., Cambridge, UK
 SO European Journal of Pharmacology (1988), 152(1-2), 19-27
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L21 ANSWER 56 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:216280 CAPLUS
 DN 108:216280
 TI Effects of the calcium antagonist nimodipine on pentylenetetrazole-induced **seizures** in rats and rabbits
 AU Popoli, P.; Pezzola, A.; Scotti de Carolis, A.
 CS Lab. Farmacol., Ist. Super. Sanita, Rome, I-00161, Italy
 SO Archives Internationales de Pharmacodynamie et de Therapie (1988), 292, 58-67
 CODEN: AIPTAK; ISSN: 0003-9780
 DT Journal
 LA English

L21 ANSWER 57 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:106370 CAPLUS
 DN 108:106370
 TI Anticonvulsant effects of some calcium entry blockers in DBA/2 mice
 AU De Sarro, G. B.; Meldrum, B. S.; Nistico, G.
 CS Fac. Med., Univ. Reggio Calabria, Italy
 SO British Journal of Pharmacology (1988), 93(2), 247-56
 CODEN: BJPCBM; ISSN: 0007-1188
 DT Journal
 LA English

L21 ANSWER 58 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:494 CAPLUS
 DN 108:494
 TI Suppression of pentylenetetrazole **seizures** by oral administration of a dihydropyridine calcium antagonist
 AU Meyer, Frederic B.; Anderson, Robert E.; Sundt, Thoralf M., Jr.; Yaksh, Tony L.; Sharbrough, Frank W.
 CS Dep. Neurosurg., Mayo Clin., Rochester, MN, 55905, USA
 SO Epilepsia (1987), 28(4), 409-14
 CODEN: EPILAK; ISSN: 0013-9580
 DT Journal
 LA English

L21 ANSWER 59 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:547302 CAPLUS
 DN 107:147302
 TI Effect of dihydropyridines and diphenylalkylamines on pentylenetetrazole-induced **seizures** and cerebral blood flow in cats
 AU Ots, Max E.; Yaksh, Tony L.; Anderson, Robert E.; Sundt, Thoralf M., Jr.
 CS Dep. Neurol. Surg., Mayo Clin., Rochester, MN, 55905, USA
 SO Journal of Neurosurgery (1987), 67(3), 406-13
 CODEN: JONSAC; ISSN: 0022-3085
 DT Journal
 LA English

L21 ANSWER 60 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:45573 CAPLUS
 DN 106:45573
 TI Calcium channel antagonists decrease the ethanol withdrawal syndrome
 AU Little, H. J.; Dolin, S. J.; Halsey, M. J.
 CS Univ. Dep. Pharmacol., Oxford, UK
 SO Life Sciences (1986), 39(22), 2059-65
 CODEN: LIFSAK; ISSN: 0024-3205
 DT Journal
 LA English

L21 ANSWER 61 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:618775 CAPLUS
 DN 105:218775
 TI Inhibition of electrically induced **seizures** by a dihydropyridine calcium channel blocker
 AU Meyer, Fredric B.; Tally, Philip W.; Anderson, Robert E.; Sundt, Thoralf M., Jr.; Yaksh, Tony L.; Sharbrough, Frank W.
 CS Dep. Neurosurg., Mayo Clin., Rochester, MN, 55905, USA
 SO Brain Research (1986), 384(1), 180-3
 CODEN: BRREAP; ISSN: 0006-8993
 DT Journal
 LA English

L21 ANSWER 62 OF 64 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:200034 CAPLUS

DN 104:200034
TI Selective central nervous system calcium channel blockers - a new class of anticonvulsant agents
AU Meyer, Fredric B.; Anderson, Robert E.; Sundt, Thoralf M., Jr.; Sharbrough, Frank W.
CS Dep. Neurol. Surg., Mayo Clin., Rochester, MN, 55905, USA
SO Mayo Clinic Proceedings (1986), 61(4), 239-47
CODEN: MACPAJ; ISSN: 0025-6196
DT Journal
LA English

L21 ANSWER 63 OF 64 CAPLUS COPYRIGHT 2003 ACS
AN 1985:197787 CAPLUS
DN 102:197787
TI "Calcium entry blockers" as cerebral protecting agents: comparative activity in tests of hypoxia and hyperexcitability
AU Wauquier, Albert; Ashton, David; Clincke, Gilbert; Fransen, Johannes
CS Dep. Neuropharmacol., Janssen Pharm., Beerse, B-2340, Belg.
SO Japanese Journal of Pharmacology (1985), 38(1), 1-7
CODEN: JJPAAZ; ISSN: 0021-5198
DT Journal
LA English

L21 ANSWER 64 OF 64 CAPLUS COPYRIGHT 2003 ACS
AN 1982:417016 CAPLUS
DN 97:17016
TI Behavioral effects of nimodipine in animals
AU Hoffmeister, F.; Benz, U.; Heise, A.; Krause, H. P.; Neuser, V.
CS Res. Lab., Bayer A.-G., Wuppertal, D-5600, Fed. Rep. Ger.
SO Arzneimittel-Forschung (1982), 32(4), 347-60
CODEN: ARZNAD; ISSN: 0004-4172
DT Journal
LA English

=> d his

(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1 5 S NIMODIPINE
L2 0 S FELDIPINE
L3 1 S GABATRIL
L4 4 S TIAGABINE
L5 3 S BENADRYL
L6 70 S METHYLPREDNISOLONE
L7 6 S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8 22343 S CALCIUM CHANNEL
E IMUNE
E IMMUNE
L9 146767 S E3
L10 1810 S L1
L11 208 S L3
L12 227 S L4
L13 1339 S L5
L14 9 S L10 AND L11
L15 11 S L10 AND L12
L16 0 S L14 NOT L15
L17 0 S L13 AND L15
E SEISURE

E SEIZURE
L18 18428 S E3-E8
L19 54 S L18 AND L9
L20 2 S L18 AND L13
L21 64 S L18 AND L10

=> s l18 and s l7

MISSING OPERATOR S L7

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l7

L22 4503 L7

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(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1 5 S NIMODIPINE
L2 0 S FELDIPINE
L3 1 S GABATRIL
L4 4 S TIAGABINE
L5 3 S BENADRYL
L6 70 S METHYLPREDNISOLONE
L7 6 S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8 22343 S CALCIUM CHANNEL
E IMUNE
E IMMUNE

L9 146767 S E3
L10 1810 S L1
L11 208 S L3
L12 227 S L4
L13 1339 S L5
L14 9 S L10 AND L11
L15 11 S L10 AND L12
L16 0 S L14 NOT L15
L17 0 S L13 AND L15

E SEISURE
E SEIZURE
L18 18428 S E3-E8
L19 54 S L18 AND L9
L20 2 S L18 AND L13
L21 64 S L18 AND L10
L22 4503 S L7

=> s l18 and l11

L23 71 L18 AND L11

=> d l23 40-71

L23 ANSWER 40 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1998:132064 CAPLUS

DN 128:227152

TI Pharmacological antagonism of nerve agent-induced **seizures**

AU Shih, Tsung-Ming; McDonough, John H.

CS Pathophysiology and Pharmacology Divisions, U.S. Army Medical Research
Institute of Chemical Defense, Aberdeen Proving Ground, MD, 21010-5425,
USA

SO Medical Defense Bioscience Review, Proceedings, Baltimore, May 12-16, 1996

(1996), Volume 1, 435-446 Publisher: National Technical Information Service, Springfield, Va.
CODEN: 64UTAN

DT Conference
LA English

L23 ANSWER 41 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1998:75168 CAPLUS

DN 128:200933

TI Effects of tiagabine monotherapy on abilities, adjustment, and mood
AU Dodrill, Carl B.; Arnett, John L.; Shu, Vincent; Pixton, Glenn C.; Lenz, Gregory T.; Sommerville, Kenneth W.

CS Regional Epilepsy Center, Departments of Neurology and Neurological Surgery, University of Washington School of Medicine, Seattle, WA, 98104-2499, USA

SO Epilepsia (1998), 39(1), 33-42

CODEN: EPILAK; ISSN: 0013-9580

PB Lippincott-Raven Publishers

DT Journal

LA English

L23 ANSWER 42 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1998:55260 CAPLUS

DN 128:119734

TI Separation and quantitation of the S-(+)-enantiomer in the bulk drug tiagabine.cntdot.HCl by chiral high-performance-liquid chromatography using a Chiralcel-OD column

AU Rustum, Abu M.; Estrada, Victoria

CS Bioanalytical Research, Department 41G, Abbott Laboratories, 1401 Sheridan Road, North Chicago, IL, 60064, USA

SO Journal of Chromatography, B: Biomedical Sciences and Applications (1998), 705(1), 111-117

CODEN: JCBBEP; ISSN: 0378-4347

PB Elsevier Science B.V.

DT Journal

LA English

L23 ANSWER 43 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1997:626685 CAPLUS

DN 127:288043

TI Antiepileptic effects of tiagabine, a selective GABA uptake inhibitor, in the rat kindling model of temporal lobe epilepsy

AU Morimoto, Kiyoshi; Sato, Hitoshi; Yamamoto, Yoshitaka; Watanabe, Takemi; Suwaki, Hiroshi

CS Department of Neuropsychiatry, Faculty of Medicine, Kagawa Medical University, Kagawa, Japan

SO Epilepsia (1997), 38(9), 966-974

CODEN: EPILAK; ISSN: 0013-9580

PB Lippincott-Raven

DT Journal

LA English

L23 ANSWER 44 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1997:561679 CAPLUS

DN 127:171533

TI The new antiepileptic drugs: a systematic review of their efficacy and tolerability

AU Marson, A. G.; Kadir, Z. A.; Hutton, J. L.; Chadwick, D. W.

CS Department of Neurological Science, Walton Centre for Neurology & Neurosurgery, University of Liverpool, Liverpool, L9 1AE, UK

SO Epilepsia (1997), 38(8), 859-880

CODEN: EPILAK; ISSN: 0013-9580

PB Lippincott-Raven
DT Journal
LA English

L23 ANSWER 45 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1997:502856 CAPLUS
DN 127:185734
TI Comparison of the preclinical anticonvulsant profiles of tiagabine,
lamotrigine, gabapentin and vigabatrin
AU Dalby, Nils Ole; Nielsen, Erik B.
CS Novo Nordisk, Health Care Discovery, Malov, Den.
SO Epilepsy Research (1997), 28(1), 63-72
CODEN: EPIRE8; ISSN: 0920-1211
PB Elsevier
DT Journal
LA English

L23 ANSWER 46 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1997:493505 CAPLUS
DN 127:156603
TI Effects of new anticonvulsant medications on porphyrin synthesis in
cultured liver cells: potential implications for patients with acute
porphyria
AU Hahn, M.; Gildemeister, O. S.; Krauss, G. L.; Pepe, J. A.; Lambrecht, R.
W.; Donohue, S.; Bonkovsky, H. L.
CS Department of Medicine, University of Massachusetts Medical Center,
Worcester, MA, 01655, USA
SO Neurology (1997), 49(1), 97-106
CODEN: NEURAI; ISSN: 0028-3878
PB Lippincott-Raven
DT Journal
LA English

L23 ANSWER 47 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1997:471250 CAPLUS
DN 127:156596
TI Tiagabine exerts an anti-epileptogenic effect in amygdala kindling
epileptogenesis in the rat
AU Dalby, Nils Ole; Nielsen, Erik B.
CS Novo Nordisk Health Care Discovery, Malov, DK-2760, Den.
SO Neuroscience Letters (1997), 229(2), 135-137
CODEN: NELED5; ISSN: 0304-3940
PB Elsevier
DT Journal
LA English

L23 ANSWER 48 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1997:301584 CAPLUS
DN 126:338722
TI A single-dose study to define tiagabine pharmacokinetics in pediatric
patients with complex partial **seizures**
AU Gustavson, L. E.; Boellner, S. W.; Granneman, G. R.; Qian, J. X.;
Guenther, H. J.; El-Shourbagy, T.; Sommerville, K. W.
CS Pharmaceutical Products Division, Abbott Laboratories, Abbott Park, IL,
60064-3500, USA
SO Neurology (1997), 48(4), 1032-1037
CODEN: NEURAI; ISSN: 0028-3878
PB Lippincott-Raven
DT Journal
LA English

L23 ANSWER 49 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1997:274997 CAPLUS
 DN 126:312075
 TI Utility of the lethargic (lh/lh) mouse model of absence **seizures**
 in predicting the effects of lamotrigine, vigabatrin, tiagabine,
 gabapentin, and topiramate against human absence **seizures**
 AU Hosford, David A.; Wang, Ying
 CS Department of Medicine (Neurology), Duke University Medical Center,
 Durham, NC, USA
 SO Epilepsia (1997), 38(4), 408-414
 CODEN: EPILAK; ISSN: 0013-9580
 PB Lippincott-Raven
 DT Journal
 LA English

L23 ANSWER 50 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:191234 CAPLUS
 DN 126:272178
 TI Tiagabine hydrochloride, an inhibitor of .gamma.-aminobutyric acid (GABA)
 uptake, induces cortical depolarizations in vitro
 AU Qi Hu, Ruo; Davies, J. A.
 CS Department of Pharmacology and Therapeutics, University of Wales College
 of Medicine, Heath Park, Cardiff, UK
 SO Brain Research (1997), 753(2), 260-268
 CODEN: BRREAP; ISSN: 0006-8993
 PB Elsevier
 DT Journal
 LA English

L23 ANSWER 51 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:154215 CAPLUS
 DN 126:195190
 TI Evaluation of anticonvulsant drugs for soman-induced **seizure**
 activity
 AU Shih, Tsung-Ming; Mcdonough, John H. Jr.; Koplovitz, Irwin
 CS Pharmacology and Drug Assessment Divisions, U.S. Army Medical Research
 Institute of Chemical Defense, MD, 21010-5425, USA
 SO Journal of the American College of Toxicology (1996), 15(Suppl. 2),
 S43-S60
 CODEN: JACTDZ; ISSN: 0730-0913
 PB Lippincott-Raven
 DT Journal
 LA English

L23 ANSWER 52 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:36231 CAPLUS
 DN 126:54804
 TI Clinical administration of new antiepileptic drugs: an overview of safety
 and efficacy
 AU Chadwick, David W.; Marson, Tony; Kadir, Zakaria
 CS Department of Neurological Science, The Walton Centre for Neurology and
 Neurosurgery, University of Liverpool, Liverpool, UK
 SO Epilepsia (1996), 37(Suppl. 6), S17-S22
 CODEN: EPILAK; ISSN: 0013-9580
 PB Lippincott-Raven
 DT Journal
 LA English

L23 ANSWER 53 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:743085 CAPLUS
 DN 126:14703
 TI Long-term cognitive and EEG effects of tiagabine in drug-resistant partial
 epilepsy

AU Kalviainen, R.; Aikia, M.; Mervaala, E.; Saukkonen, A. M.; Pitkanen, A.;
Riekkinen, P. J., Sr.
CS Dept. of Neurology, Univ. Hospital of Kuopio, Kuopio, Finland
SO Epilepsy Research (1996), 25(3), 291-297
CODEN: EPIRE8; ISSN: 0920-1211
PB Elsevier
DT Journal
LA English

L23 ANSWER 54 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1996:733286 CAPLUS
DN 126:14193
TI New antiepileptic drugs: A systematic review of their efficacy and
tolerability
AU Marson, A. G.; Kadir, Z. A.; Chadwick, D. W.
CS Department Neurological Science, University Liverpool, Liverpool, L9 1AE,
UK
SO British Medical Journal (1996), 313(7066), 1169-1174
CODEN: BMJOAE; ISSN: 0007-1447
PB BMJ Publishing Group
DT Journal; General Review
LA English

L23 ANSWER 55 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1996:619257 CAPLUS
DN 125:292808
TI Effects of .gamma.-aminobutyric acid (GABA) agonists and GABA uptake
inhibitors of pharmacosensitive and pharmacoresistant epileptiform
activity in vitro
AU Pfeiffer, Michael; Draguhn, Andreas; Meierkord, Hartmut; Heinemann, Uwe
CS Inst. Physiol. Charite, Humboldt-Univ. Berlin, Berlin, D-10117, Germany
SO British Journal of Pharmacology (1996), 119(3), 569-577
CODEN: BJPCBM; ISSN: 0007-1188
PB Stockton
DT Journal
LA English

L23 ANSWER 56 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1996:435366 CAPLUS
DN 125:104975
TI Anticonvulsant effects of GABA uptake inhibitors: their profile of action
in the rat kindling model of epilepsy
AU Sato, Hitoshi; Morimoto, Kiyoshi; Suwaki, Hiroshi
CS Dep. Neuropsychiatry, Kagawa Med. Sch., Japan
SO Tenkan Kenkyu (1996), 14(2), 123-132
CODEN: TENKDV; ISSN: 0912-0890
PB Nippon Tenkan Gakkai
DT Journal
LA Japanese

L23 ANSWER 57 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1996:244141 CAPLUS
DN 124:306210
TI Tiagabine pharmacology in profile
AU Brodie, Martin J.
CS University Department Medicine and Therapeutics, Western Infirmary,
Glasgow, UK
SO Epilepsia (1995), 36(Suppl. 6), S7-S9
CODEN: EPILAK; ISSN: 0013-9580
PB Lippincott-Raven
DT Journal; General Review
LA English

L23 ANSWER 58 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:186624 CAPLUS
 DN 124:278890
 TI Tiagabine prevents **seizures**, neuronal damage and memory impairment in experimental status epilepticus
 AU Halonen, Toivo; Nissinen, Jari; Jansen, Jens A.; Pitkaenen, Asla
 CS Department of Neurology, University of Kuopio, P.O. Box 1627, Kuopio, FIN-70211, Finland
 SO European Journal of Pharmacology (1996), 299(1-3), 69-81
 CODEN: EJPHAZ; ISSN: 0014-2999
 PB Elsevier
 DT Journal
 LA English

L23 ANSWER 59 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:743793 CAPLUS
 DN 123:160625
 TI Effects of the GABA-uptake inhibitor tiagabine on electroencephalogram, spike-wave discharges and behavior of rats
 AU Coenen, A.M.L.; Blezer, E.H.M.; van Luijtelaar, E.L.J.M.
 CS Department of Psychology, University of Nijmegen, Nijmegen, 6500 HE, Neth.
 SO Epilepsy Research (1995), 21(2), 89-94
 CODEN: EPIRE8; ISSN: 0920-1211
 PB Elsevier
 DT Journal
 LA English

L23 ANSWER 60 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:678581 CAPLUS
 DN 123:74034
 TI Clobazam, oxcarbazepine, tiagabine, topiramate, and other new antiepileptic drugs
 AU Fisher, Robert; Blum, David
 CS Barrow Neurological Institute, St. Joseph's Hospital, Phoenix, AZ, 85013-4496, USA
 SO Epilepsia (1995), 36(Suppl. 2), S105-S114
 CODEN: EPILAK; ISSN: 0013-9580
 PB Lippincott-Raven
 DT Journal; General Review
 LA English

L23 ANSWER 61 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:391368 CAPLUS
 DN 122:178180
 TI Lack of tolerance to the anticonvulsant effects of tiagabine following chronic (21 day) treatment
 AU Suzdak, Peter D.
 CS Pharmaceuticals Division, Department Receptor Neurochemistry, Drug Discovery, Malov, DK-2760, Den.
 SO Epilepsy Research (1994), 19(3), 205-13
 CODEN: EPIRE8; ISSN: 0920-1211
 DT Journal
 LA English

L23 ANSWER 62 OF 71 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:352440 CAPLUS
 DN 122:151235
 TI The .gamma.-aminobutyric acid uptake inhibitor, tiagabine, is anticonvulsant in two animal models of reflex epilepsy
 AU Smith, Stuart E.; Parvez, Naila S.; Chapman, Astrid G.; Meldrum, Brian S.
 CS Department of Neurology, Institute of Psychiatry, De Crespigny Park,

Denmark Hill, SE5 8AF, London, UK
SO European Journal of Pharmacology (1995), 273(3), 259-65
CODEN: EJPHAZ; ISSN: 0014-2999
PB Elsevier
DT Journal
LA English

L23 ANSWER 63 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1994:691768 CAPLUS
DN 121:291768
TI Tiagabine
AU Mengel, Helle
CS Novo Nordisk A/S, Malov, D-2760, Den.
SO Epilepsia (1994), 35(SUPPL. 5), 581-584
CODEN: EPILAK; ISSN: 0013-9580
DT Journal; General Review
LA English

L23 ANSWER 64 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1994:570340 CAPLUS
DN 121:170340
TI blockade of GABA uptake with tiagabine inhibits audiogenic **seizures** and reduces neuronal firing in the inferior colliculus of the genetically epilepsy-prone rat
AU Faingold, Carl L.; Randall, Marcus E.; Anderson, Cathy A. Boersma
CS Sch. Med., South. Illinois Univ., Springfield, IL, 62794, USA
SO Experimental Neurology (1994), 126(2), 225-32
CODEN: EXNEAC; ISSN: 0014-4886
DT Journal
LA English

L23 ANSWER 65 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1992:626198 CAPLUS
DN 117:226198
TI The .gamma.-aminobutyric acid (GABA) uptake inhibitor, tiagabine, increases extracellular brain levels of GABA in awake rats
AU Fink-Jensen, Anders; Suzdak, P. D.; Swedberg, M. D. B.; Judge, M. E.; Hansen, L.; Nielsen, P. G.
CS Novo Nordisk A/S, Maalov, DK-2760, Den.
SO European Journal of Pharmacology (1992), 220(2-3), 197-201
CODEN: EJPHAZ; ISSN: 0014-2999
DT Journal
LA English

L23 ANSWER 66 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1992:420307 CAPLUS
DN 117:20307
TI Effects of anticonvulsant drugs on 4-aminopyridine-induced **seizures** in mice
AU Yamaguchi, Shunichi; Rogawski, Michael A.
CS Neuronal Excitability Sect., Natl. Inst. Neurol. Disord. Stroke, Bethesda, MD, 20892, USA
SO Epilepsy Research (1992), 11(1), 9-16
CODEN: EPIRE8; ISSN: 0920-1211
DT Journal
LA English

L23 ANSWER 67 OF 71 CAPLUS COPYRIGHT 2003 ACS
AN 1992:248276 CAPLUS
DN 116:248276
TI Protection against dendrotoxin-induced clonic **seizures** in mice by anticonvulsant drugs

AU Coleman, Mark H.; Yamaguchi, Shunichi; Rogawski, Michael A.
CS Neur. Excitabil. Sect., Natl. Inst. Neurol. Disord. Stroke, Bethesda, MD,
20892, USA
SO Brain Research (1992), 575(1), 138-42
CODEN: BRREAP; ISSN: 0006-8993
DT Journal
LA English

L23 ANSWER 68 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1991:598314 CAPLUS

DN 115:198314

TI Blockade of audiogenic **seizures** by a GABA-uptake inhibitor,
NO-328, in the genetically epilepsy-prone rat

AU Faingold, Carl L.; Randall, Marcus E.; Copley, Catherine A.

CS Sch. Med., South. Illinois Univ., Springfield, IL, 62794, USA

SO Amino Acids: Chem., Biol. Med., [Pap. Int. Congr. Amino Acid Res.]
(1990), Meeting Date 1989, 263-8. Editor(s): Lubec, Gert; Rosenthal,
Gerald A. Publisher: ESCOM, Leiden, Neth.
CODEN: 57IDAR

DT Conference

LA English

L23 ANSWER 69 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1991:400689 CAPLUS

DN 115:689

TI Characterization of tiagabine (NO-328), a new potent and selective GABA
uptake inhibitor

AU Nielsen, Erik B.; Suzdak, Peter D.; Andersen, Knud E.; Knutsen, Lars J.
S.; Sonnewald, Ursula; Braestrup, Claus

CS Lab. Behav. Pharmacol., Novo Nordisk A/S, Bagsvaerd, DK-2880, Den.

SO European Journal of Pharmacology (1991), 196(3), 257-66

CODEN: EJPHAZ; ISSN: 0014-2999

DT Journal

LA English

L23 ANSWER 70 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1990:112600 CAPLUS

DN 112:112600

TI The effect of two lipophilic .gamma.-aminobutyric acid uptake blockers in
CA1 of the rat hippocampal slice

AU Rekling, Jens C.; Jahnsen, Henrik; Mosfeldt Laursen, Arne

CS Inst. Neurophysiol., Copenhagen, Den.

SO British Journal of Pharmacology (1990), 99(1), 103-6

CODEN: BJPCBM; ISSN: 0007-1188

DT Journal

LA English

L23 ANSWER 71 OF 71 CAPLUS COPYRIGHT 2003 ACS

AN 1988:417511 CAPLUS

DN 109:17511

TI Modulation of GABA receptor interaction with GABA uptake inhibitors

AU Braestrup, Claus; Nielsen, Erik B.; Wolffbrandt, Knut H.; Andersen, Knud
E.; Knutsen, Lars J. S.; Sonnewald, Ursula

CS Pharm. Res. Dev., NOVO Ind. A/S, Bagsvaerd, DK-2880, Den.

SO International Congress Series (1987), 750(Pharmacology), 125-8

CODEN: EXMDA4; ISSN: 0531-5131

DT Journal; General Review

LA English

=> s 118 and 122

L24 0 L18 AND L22

=> s 118 and 112
L25 81 L18 AND L12

=> d 125 50-81

L25 ANSWER 50 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1997:502856 CAPLUS

DN 127:185734

TI Comparison of the preclinical anticonvulsant profiles of tiagabine, lamotrigine, gabapentin and vigabatrin

AU Dalby, Nils Ole; Nielsen, Erik B.

CS Novo Nordisk, Health Care Discovery, Malov, Den.

SO Epilepsy Research (1997), 28(1), 63-72

CODEN: EPIRE8; ISSN: 0920-1211

PB Elsevier

DT Journal

LA English

L25 ANSWER 51 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1997:493505 CAPLUS

DN 127:156603

TI Effects of new anticonvulsant medications on porphyrin synthesis in cultured liver cells: potential implications for patients with acute porphyria

AU Hahn, M.; Gildemeister, O. S.; Krauss, G. L.; Pepe, J. A.; Lambrecht, R. W.; Donohue, S.; Bonkovsky, H. L.

CS Department of Medicine, University of Massachusetts Medical Center, Worcester, MA, 01655, USA

SO Neurology (1997), 49(1), 97-106

CODEN: NEURAI; ISSN: 0028-3878

PB Lippincott-Raven

DT Journal

LA English

L25 ANSWER 52 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1997:471250 CAPLUS

DN 127:156596

TI Tiagabine exerts an anti-epileptogenic effect in amygdala kindling epileptogenesis in the rat

AU Dalby, Nils Ole; Nielsen, Erik B.

CS Novo Nordisk Health Care Discovery, Malov, DK-2760, Den.

SO Neuroscience Letters (1997), 229(2), 135-137

CODEN: NELED5; ISSN: 0304-3940

PB Elsevier

DT Journal

LA English

L25 ANSWER 53 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1997:301584 CAPLUS

DN 126:338722

TI A single-dose study to define tiagabine pharmacokinetics in pediatric patients with complex partial **seizures**

AU Gustavson, L. E.; Boellner, S. W.; Granneman, G. R.; Qian, J. X.;

Guenther, H. J.; El-Shourbagy, T.; Sommerville, K. W.

CS Pharmaceutical Products Division, Abbott Laboratories, Abbott Park, IL, 60064-3500, USA

SO Neurology (1997), 48(4), 1032-1037

CODEN: NEURAI; ISSN: 0028-3878

PB Lippincott-Raven

DT Journal

LA English

L25 ANSWER 54 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:274997 CAPLUS
 DN 126:312075
 TI Utility of the lethargic (lh/lh) mouse model of absence **seizures**
 in predicting the effects of lamotrigine, vigabatrin, tiagabine,
 gabapentin, and topiramate against human absence **seizures**
 AU Hosford, David A.; Wang, Ying
 CS Department of Medicine (Neurology), Duke University Medical Center,
 Durham, NC, USA
 SO Epilepsia (1997), 38(4), 408-414
 CODEN: EPILAK; ISSN: 0013-9580
 PB Lippincott-Raven
 DT Journal
 LA English

L25 ANSWER 55 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:191234 CAPLUS
 DN 126:272178
 TI Tiagabine hydrochloride, an inhibitor of .gamma.-aminobutyric acid (GABA)
 uptake, induces cortical depolarizations in vitro
 AU Qi Hu, Ruo; Davies, J. A.
 CS Department of Pharmacology and Therapeutics, University of Wales College
 of Medicine, Heath Park, Cardiff, UK
 SO Brain Research (1997), 753(2), 260-268
 CODEN: BRREAP; ISSN: 0006-8993
 PB Elsevier
 DT Journal
 LA English

L25 ANSWER 56 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:154215 CAPLUS
 DN 126:195190
 TI Evaluation of anticonvulsant drugs for soman-induced **seizure**
 activity
 AU Shih, Tsung-Ming; Mcdonough, John H. Jr.; Koplovitz, Irwin
 CS Pharmacology and Drug Assessment Divisions, U.S. Army Medical Research
 Institute of Chemical Defense, MD, 21010-5425, USA
 SO Journal of the American College of Toxicology (1996), 15(Suppl. 2),
 S43-S60
 CODEN: JACTDZ; ISSN: 0730-0913
 PB Lippincott-Raven
 DT Journal
 LA English

L25 ANSWER 57 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:36231 CAPLUS
 DN 126:54804
 TI Clinical administration of new antiepileptic drugs: an overview of safety
 and efficacy
 AU Chadwick, David W.; Marson, Tony; Kadir, Zakaria
 CS Department of Neurological Science, The Walton Centre for Neurology and
 Neurosurgery, University of Liverpool, Liverpool, UK
 SO Epilepsia (1996), 37(Suppl. 6), S17-S22
 CODEN: EPILAK; ISSN: 0013-9580
 PB Lippincott-Raven
 DT Journal
 LA English

L25 ANSWER 58 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:743085 CAPLUS
 DN 126:14703

TI Long-term cognitive and EEG effects of tiagabine in drug-resistant partial epilepsy
AU Kalviainen, R.; Aikia, M.; Mervaala, E.; Saukkonen, A. M.; Pitkanen, A.; Riekkinen, P. J., Sr.
CS Dept. of Neurology, Univ. Hospital of Kuopio, Kuopio, Finland
SO Epilepsy Research (1996), 25(3), 291-297
CODEN: EPIRE8; ISSN: 0920-1211
PB Elsevier
DT Journal
LA English

L25 ANSWER 59 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1996:733286 CAPLUS

DN 126:14193

TI New antiepileptic drugs: A systematic review of their efficacy and tolerability

AU Marson, A. G.; Kadir, Z. A.; Chadwick, D. W.

CS Department Neurological Science, University Liverpool, Liverpool, L9 1AE, UK

SO British Medical Journal (1996), 313(7066), 1169-1174

CODEN: BMJOAE; ISSN: 0007-1447

PB BMJ Publishing Group

DT Journal; General Review

LA English

L25 ANSWER 60 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1996:619257 CAPLUS

DN 125:292808

TI Effects of .gamma.-aminobutyric acid (GABA) agonists and GABA uptake inhibitors of pharmacosensitive and pharmacoresistant epileptiform activity in vitro

AU Pfeiffer, Michael; Draguhn, Andreas; Meierkord, Hartmut; Heinemann, Uwe

CS Inst. Physiol. Charite, Humboldt-Univ. Berlin, Berlin, D-10117, Germany

SO British Journal of Pharmacology (1996), 119(3), 569-577

CODEN: BJPCBM; ISSN: 0007-1188

PB Stockton

DT Journal

LA English

L25 ANSWER 61 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1996:435366 CAPLUS

DN 125:104975

TI Anticonvulsant effects of GABA uptake inhibitors: their profile of action in the rat kindling model of epilepsy

AU Sato, Hitoshi; Morimoto, Kiyoshi; Suwaki, Hiroshi

CS Dep. Neuropsychiatry, Kagawa Med. Sch., Japan

SO Tenkan Kenkyu (1996), 14(2), 123-132

CODEN: TENKDV; ISSN: 0912-0890

PB Nippon Tenkan Gakkai

DT Journal

LA Japanese

L25 ANSWER 62 OF 81 CAPLUS COPYRIGHT 2003 ACS

AN 1996:244143 CAPLUS

DN 124:331317

TI International experience with tiagabine add-on therapy

AU Ben-Menachem, Elinor

CS Department Clinical Neuroscience, Sahlgren Hospital, Goeteborg, S-41345, Swed.

SO Epilepsia (1995), 36(Suppl. 6), S14-21

CODEN: EPIILAK; ISSN: 0013-9580

PB Lippincott-Raven

DT Journal; General Review
LA English

L25 ANSWER 63 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1996:244142 CAPLUS
DN 124:332768
TI Tiagabine: The safety landscape
AU Leppik, Ilo E.
CS Department Neurology, University Minnesota, Minneapolis, MN, 55416, USA
SO Epilepsia (1995), 36(Suppl. 6), S10-13
CODEN: EPILAK; ISSN: 0013-9580
PB Lippincott-Raven
DT Journal
LA English

L25 ANSWER 64 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1996:244141 CAPLUS
DN 124:306210
TI Tiagabine pharmacology in profile
AU Brodie, Martin J.
CS University Department Medicine and Therapeutics, Western Infirmary, Glasgow, UK
SO Epilepsia (1995), 36(Suppl. 6), S7-S9
CODEN: EPILAK; ISSN: 0013-9580
PB Lippincott-Raven
DT Journal; General Review
LA English

L25 ANSWER 65 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1996:244140 CAPLUS
DN 124:332767
TI Tiagabine monotherapy in the treatment of partial epilepsy
AU Schachter, Steven C.
CS Comprehensive Epilepsy Center, Beth Israel Hospital, Boston, MA, 02215, USA
SO Epilepsia (1995), 36(Suppl. 6), S2-S6
CODEN: EPILAK; ISSN: 0013-9580
PB Lippincott-Raven
DT Journal
LA English

L25 ANSWER 66 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1996:186624 CAPLUS
DN 124:278890
TI Tiagabine prevents **seizures**, neuronal damage and memory impairment in experimental status epilepticus
AU Halonen, Toivo; Nissinen, Jari; Jansen, Jens A.; Pitkaenen, Asla
CS Department of Neurology, University of Kuopio, P.O. Box 1627, Kuopio, FIN-70211, Finland
SO European Journal of Pharmacology (1996), 299(1-3), 69-81
CODEN: EJPHAZ; ISSN: 0014-2999
PB Elsevier
DT Journal
LA English

L25 ANSWER 67 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1995:743793 CAPLUS
DN 123:160625
TI Effects of the GABA-uptake inhibitor tiagabine on electroencephalogram, spike-wave discharges and behavior of rats
AU Coenen, A.M.L.; Blezer, E.H.M.; van Luijtelaar, E.L.J.M.
CS Department of Psychology, University of Nijmegen, Nijmegen, 6500 HE, Neth.

SO Epilepsy Research (1995), 21(2), 89-94
 CODEN: EPIRE8; ISSN: 0920-1211
 PB Elsevier
 DT Journal
 LA English

L25 ANSWER 68 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:678581 CAPLUS
 DN 123:74034
 TI Clobazam, oxcarbazepine, tiagabine, topiramate, and other new
 antiepileptic drugs
 AU Fisher, Robert; Blum, David
 CS Barrow Neurological Institute, St. Joseph's Hospital, Phoenix, AZ,
 85013-4496, USA
 SO Epilepsia (1995), 36(Suppl. 2), S105-S114
 CODEN: EPILAK; ISSN: 0013-9580
 PB Lippincott-Raven
 DT Journal; General Review
 LA English

L25 ANSWER 69 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:646048 CAPLUS
 DN 123:47185
 TI A review of the preclinical pharmacology of tiagabine: a potent and
 selective anticonvulsant GABA uptake inhibitor
 AU Suzdak, Peter D.; Jansen, Jens Aas
 CS Pharmaceuticals Division, Department Neurobiology, Novo Nordisk, Den.
 SO Epilepsia (1995), 36(6), 612-26
 CODEN: EPILAK; ISSN: 0013-9580
 DT Journal; General Review
 LA English

L25 ANSWER 70 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:391371 CAPLUS
 DN 122:178182
 TI Treatment of experimental status epilepticus with the GABA uptake
 inhibitor, tiagabine
 AU Walton, Nancy Y.; Gunawan, Sonny; Treiman, David M.
 CS Department Veterans Affairs Medical Center, UCLA School Medicine, Los
 Angeles, CA, USA
 SO Epilepsy Research (1994), 19(3), 237-44
 CODEN: EPIRE8; ISSN: 0920-1211
 DT Journal
 LA English

L25 ANSWER 71 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:391368 CAPLUS
 DN 122:178180
 TI Lack of tolerance to the anticonvulsant effects of tiagabine following
 chronic (21 day) treatment
 AU Suzdak, Peter D.
 CS Pharmaceuticals Division, Department Receptor Neurochemistry, Drug
 Discovery, Malov, DK-2760, Den.
 SO Epilepsy Research (1994), 19(3), 205-13
 CODEN: EPIRE8; ISSN: 0920-1211
 DT Journal
 LA English

L25 ANSWER 72 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:352440 CAPLUS
 DN 122:151235
 TI The .gamma.-aminobutyric acid uptake inhibitor, tiagabine, is

anticonvulsant in two animal models of reflex epilepsy
AU Smith, Stuart E.; Parvez, Naila S.; Chapman, Astrid G.; Meldrum, Brian S.
CS Department of Neurology, Institute of Psychiatry, De Crespigny Park,
Denmark Hill, SE5 8AF, London, UK
SO European Journal of Pharmacology (1995), 273(3), 259-65
CODEN: EJPHAZ; ISSN: 0014-2999
PB Elsevier
DT Journal
LA English

L25 ANSWER 73 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1994:691768 CAPLUS
DN 121:291768
TI Tiagabine
AU Mengel, Helle
CS Novo Nordisk A/S, Malov, D-2760, Den.
SO Epilepsia (1994), 35(SUPPL. 5), 581-584
CODEN: EPILAK; ISSN: 0013-9580
DT Journal; General Review
LA English

L25 ANSWER 74 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1994:570340 CAPLUS
DN 121:170340
TI blockade of GABA uptake with tiagabine inhibits audiogenic
seizures and reduces neuronal firing in the inferior colliculus of
the genetically epilepsy-prone rat
AU Faingold, Carl L.; Randall, Marcus E.; Anderson, Cathy A. Boersma
CS Sch. Med., South. Illinois Univ., Springfield, IL, 62794, USA
SO Experimental Neurology (1994), 126(2), 225-32
CODEN: EXNEAC; ISSN: 0014-4886
DT Journal
LA English

L25 ANSWER 75 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1992:626198 CAPLUS
DN 117:226198
TI The .gamma.-aminobutyric acid (GABA) uptake inhibitor, tiagabine,
increases extracellular brain levels of GABA in awake rats
AU Fink-Jensen, Anders; Suzdak, P. D.; Swedberg, M. D. B.; Judge, M. E.;
Hansen, L.; Nielsen, P. G.
CS Novo Nordisk A/S, Maalov, DK-2760, Den.
SO European Journal of Pharmacology (1992), 220(2-3), 197-201
CODEN: EJPHAZ; ISSN: 0014-2999
DT Journal
LA English

L25 ANSWER 76 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1992:420307 CAPLUS
DN 117:20307
TI Effects of anticonvulsant drugs on 4-aminopyridine-induced
seizures in mice
AU Yamaguchi, Shunichi; Rogawski, Michael A.
CS Neuronal Excitability Sect., Natl. Inst. Neurol. Disord. Stroke, Bethesda,
MD, 20892, USA
SO Epilepsy Research (1992), 11(1), 9-16
CODEN: EPIRE8; ISSN: 0920-1211
DT Journal
LA English

L25 ANSWER 77 OF 81 CAPLUS COPYRIGHT 2003 ACS
AN 1992:248276 CAPLUS

DN 116:248276
 TI Protection against dendrotoxin-induced clonic **seizures** in mice
 by anticonvulsant drugs
 AU Coleman, Mark H.; Yamaguchi, Shunichi; Rogawski, Michael A.
 CS Neur. Excitabil. Sect., Natl. Inst. Neurol. Disord. Stroke, Bethesda, MD,
 20892, USA
 SO Brain Research (1992), 575(1), 138-42
 CODEN: BRREAP; ISSN: 0006-8993
 DT Journal
 LA English

L25 ANSWER 78 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1991:598314 CAPLUS
 DN 115:198314
 TI Blockade of audiogenic **seizures** by a GABA-uptake inhibitor,
 NO-328, in the genetically epilepsy-prone rat
 AU Faingold, Carl L.; Randall, Marcus E.; Copley, Catherine A.
 CS Sch. Med., South. Illinois Univ., Springfield, IL, 62794, USA
 SO Amino Acids: Chem., Biol. Med., [Pap. Int. Congr. Amino Acid Res.]
 (1990), Meeting Date 1989, 263-8. Editor(s): Lubec, Gert; Rosenthal,
 Gerald A. Publisher: ESCOM, Leiden, Neth.
 CODEN: 57IDAR
 DT Conference
 LA English

L25 ANSWER 79 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1991:400689 CAPLUS
 DN 115:689
 TI Characterization of tiagabine (NO-328), a new potent and selective GABA
 uptake inhibitor
 AU Nielsen, Erik B.; Suzdak, Peter D.; Andersen, Knud E.; Knutsen, Lars J.
 S.; Sonnewald, Ursula; Braestrup, Claus
 CS Lab. Behav. Pharmacol., Novo Nordisk A/S, Bagsvaerd, DK-2880, Den.
 SO European Journal of Pharmacology (1991), 196(3), 257-66
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L25 ANSWER 80 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:112600 CAPLUS
 DN 112:112600
 TI The effect of two lipophilic .gamma.-aminobutyric acid uptake blockers in
 CA1 of the rat hippocampal slice
 AU Reklung, Jens C.; Jahnsen, Henrik; Mosfeldt Laursen, Arne
 CS Inst. Neurophysiol., Copenhagen, Den.
 SO British Journal of Pharmacology (1990), 99(1), 103-6
 CODEN: BJPCBM; ISSN: 0007-1188
 DT Journal
 LA English

L25 ANSWER 81 OF 81 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:417511 CAPLUS
 DN 109:17511
 TI Modulation of GABA receptor interaction with GABA uptake inhibitors
 AU Braestrup, Claus; Nielsen, Erik B.; Wolffbrandt, Knut H.; Andersen, Knud
 E.; Knutsen, Lars J. S.; Sonnewald, Ursula
 CS Pharm. Res. Dev., NOVO Ind. A/S, Bagsvaerd, DK-2880, Den.
 SO International Congress Series (1987), 750(Pharmacology), 125-8
 CODEN: EXMDA4; ISSN: 0531-5131
 DT Journal; General Review
 LA English

=> s 118 and 112
L26 81 L18 AND L12

=> s 118 and 18
L27 255 L18 AND L8

=> d his

(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1 5 S NIMODIPINE
L2 0 S FELDIPINE
L3 1 S GABATRIL
L4 4 S TIAGABINE
L5 3 S BENADRYL
L6 70 S METHYLPREDNISOLONE
L7 6 S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8 22343 S CALCIUM CHANNEL
E IMUNE
E IMMUNE

L9 146767 S E3
L10 1810 S L1
L11 208 S L3
L12 227 S L4
L13 1339 S L5
L14 9 S L10 AND L11
L15 11 S L10 AND L12
L16 0 S L14 NOT L15
L17 0 S L13 AND L15
E SEISURE
E SEIZURE

L18 18428 S E3-E8
L19 54 S L18 AND L9
L20 2 S L18 AND L13
L21 64 S L18 AND L10
L22 4503 S L7
L23 71 S L18 AND L11
L24 0 S L18 AND L22
L25 81 S L18 AND L12
L26 81 S L18 AND L12
L27 255 S L18 AND L8

=> d 127 230-255

L27 ANSWER 230 OF 255 CAPLUS COPYRIGHT 2003 ACS

AN 1990:400420 CAPLUS

DN 113:420

TI The antiseizure activity of dihydropyridine **calcium**
channel antagonists in the conscious rat

AU Moron, M. A.; Stevens, C. W.; Yaksh, T. L.

CS Dep. Pharmacol., Mayo Clin., Rochester, MN, 55905, USA

SO Journal of Pharmacology and Experimental Therapeutics (1990), 252(3),
1150-5

CODEN: JPETAB; ISSN: 0022-3565

DT Journal

LA English

L27 ANSWER 231 OF 255 CAPLUS COPYRIGHT 2003 ACS

AN 1990:132386 CAPLUS
 DN 112:132386
 TI The effect of nimodipine on picrotoxin-induced **seizures**
 AU Thomas, Jocelyn
 CS Dep. Psychol., Univ. New Orleans, New Orleans, LA, 70148, USA
 SO Brain Research Bulletin (1990), 24(1), 11-15
 CODEN: BRBUDU; ISSN: 0361-9230
 DT Journal
 LA English

L27 ANSWER 232 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:132371 CAPLUS
 DN 112:132371
 TI Effects of **calcium channel** inhibitors upon the efficacy of common antiepileptic drugs
 AU Czuczwar, Stanislaw J.; Chodkowska, Anna; Kleinrok, Zdzislaw; Malek, Urszula; Jagiello-Wojtowicz, Ewa
 CS Dep. Pharmacol., Med. Sch., Lublin, PL-20-090, Pol.
 SO European Journal of Pharmacology (1990), 176(1), 75-83
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L27 ANSWER 233 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:48672 CAPLUS
 DN 112:48672
 TI Effects of the **calcium channel** blocker rioldipine on the focal and generalized epileptic activity
 AU Karpova, M. N.; Pankov, O. Yu.; Glebov, R. N.; Germane, V.; Klusa, V.; Duburs, G.
 CS Inst. Gen. Pathol. Pathol. Physiol., Moscow, USSR
 SO Byulleten Eksperimental'noi Biologii i Meditsiny (1989), 108(11), 553-5
 CODEN: BEBMAE; ISSN: 0365-9615
 DT Journal
 LA Russian

L27 ANSWER 234 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:450351 CAPLUS
 DN 111:50351
 TI Characterization of ethosuximide reduction of low-threshold calcium current in thalamic neurons
 AU Coulter, Douglas A.; Huguenard, John R.; Prince, David A.
 CS Med. Cent., Stanford Univ., Stanford, CA, USA
 SO Annals of Neurology (1989), 25(6), 582-93
 CODEN: ANNED3; ISSN: 0364-5134
 DT Journal
 LA English

L27 ANSWER 235 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:433523 CAPLUS
 DN 111:33523
 TI Diltiazem enhances and flunarizine inhibits nimodipine's antiseizure effects
 AU Moron, M. A.; Stevens, C. W.; Yaksh, T. L.
 CS Dep. Pharmacol., Mayo Clin., Rochester, MN, 55905, USA
 SO European Journal of Pharmacology (1989), 163(2-3), 299-307
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L27 ANSWER 236 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:402545 CAPLUS

DN 111:2545
 TI Different effect of diltiazem and nifedipine on some central actions of ethanol in the rat
 AU Pucilowski, Olgierd; Krzascik, Pawel; Trzaskowska, Ewa; Kostowski, Wojciech
 CS Dep. Pharmacol. Physiol. Nerv. Syst., Inst. Psychiatry Neurol., Warsaw, PL-02 957, Pol.
 SO Alcohol (New York, NY, United States) (1989), 6(2), 165-8
 CODEN: ALCOEX; ISSN: 0741-8329
 DT Journal
 LA English

L27 ANSWER 237 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:400555 CAPLUS
 DN 111:555
 TI Specific suppression of pentylenetetrazol-induced epileptiform discharges in CA3 neurons (hippocampal slice, guinea pig) by the organic calcium antagonists flunarizine and verapamil
 AU Bingmann, D.; Speckmann, E. J.
 CS Poliklin. Zahnärztl. Chir., Univ. Mainz, Mainz, D-6500, Fed. Rep. Ger.
 SO Experimental Brain Research (1989), 74(2), 239-48
 CODEN: EXBRAP; ISSN: 0014-4819
 DT Journal
 LA English

L27 ANSWER 238 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:400550 CAPLUS
 DN 111:550
 TI Potassium-stimulated calcium uptake in astrocytes and its potent inhibition by nimodipine
 AU Hertz, L.; Bender, A. S.; Woodbury, D. M.; White, H. S.
 CS Coll. Med., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
 SO Journal of Neuroscience Research (1989), 22(2), 209-15
 CODEN: JNREDK; ISSN: 0360-4012
 DT Journal
 LA English

L27 ANSWER 239 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:225369 CAPLUS
 DN 110:225369
 TI Examination of the potential antiepileptic activity of calcium antagonists with different sites of action
 AU Wong, Wai Shiu; Rahwan, Ralf G.
 CS Div. Pharmacol., Ohio State Univ., Columbus, OH, 43210, USA
 SO General Pharmacology (1989), 20(3), 309-12
 CODEN: GEPHDP; ISSN: 0306-3623
 DT Journal
 LA English

L27 ANSWER 240 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:165954 CAPLUS
 DN 110:165954
 TI **Calcium channel** blockers prevent **seizures** induced by a class of potassium channel inhibitors
 AU Gandolfo, Gabriel; Gottesmann, Claude; Bidard, Jean Noel; Lazdunski, Michel
 CS Lab. Psychophysiol., Fac. Sci. Tech., Nice, 06034, Fr.
 SO European Journal of Pharmacology (1989), 160(1), 173-7
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L27 ANSWER 241 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:88464 CAPLUS
 DN 110:88464
 TI Effects of "nitrendipine" on nitrous oxide anesthesia, tolerance, and physical dependence
 AU Dolin, S. J.; Little, H. J.
 CS Div. Anaesth., MRC Clin. Res. Cent., Harrow/Middlesex, UK
 SO Anesthesiology (1989), 70(1), 91-7
 CODEN: ANESAV; ISSN: 0003-3022
 DT Journal
 LA English

L27 ANSWER 242 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:504736 CAPLUS
 DN 109:104736
 TI Anticonvulsant profile of the dihydropyridine **calcium channel** antagonists, nitrendipine and nimodipine
 AU Dolin, Simon J.; Hunter, Anthony B.; Halsey, Michael J.; Little, Hilary J.
 CS Dep. Anaesth., Addenbrooke's Hosp., Cambridge, UK
 SO European Journal of Pharmacology (1988), 152(1-2), 19-27
 CODEN: EJPHAZ; ISSN: 0014-2999
 DT Journal
 LA English

L27 ANSWER 243 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:431920 CAPLUS
 DN 109:31920
 TI Effect of various **calcium channel** blockers on three different models of limbic **seizures** in rats
 AU Vezzani, A.; Wu, H. Q.; Stasi, M. A.; Angelico, P.; Samanin, R.
 CS Ist. Ric. Farmacol. "Mario Negri", Milan, 20157, Italy
 SO Neuropharmacology (1988), 27(5), 451-8
 CODEN: NEPHBW; ISSN: 0028-3908
 DT Journal
 LA English

L27 ANSWER 244 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:216280 CAPLUS
 DN 108:216280
 TI Effects of the calcium antagonist nimodipine on pentylenetetrazole-induced **seizures** in rats and rabbits
 AU Popoli, P.; Pezzola, A.; Scotti de Carolis, A.
 CS Lab. Farmacol., Ist. Super. Sanita, Rome, I-00161, Italy
 SO Archives Internationales de Pharmacodynamie et de Therapie (1988), 292, 58-67
 CODEN: AIPTAK; ISSN: 0003-9780
 DT Journal
 LA English

L27 ANSWER 245 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:129567 CAPLUS
 DN 108:129567
 TI The effects of chemically and electrically-induced convulsions on [3H]nitrendipine binding in mouse brain
 AU Weissman, Ben Avi; Bolger, Gordon T.
 CS Dep. Pharmacol., Israel Inst. Biol. Res., Ness Ziona, 70450, Israel
 SO Brain Research Bulletin (1987), 19(6), 673-8
 CODEN: BRBUDU; ISSN: 0361-9230
 DT Journal
 LA English

L27 ANSWER 246 OF 255 CAPLUS COPYRIGHT 2003 ACS

AN 1988:106370 CAPLUS
 DN 108:106370
 TI Anticonvulsant effects of some calcium entry blockers in DBA/2 mice
 AU De Sarro, G. B.; Meldrum, B. S.; Nistico, G.
 CS Fac. Med., Univ. Reggio Calabria, Italy
 SO British Journal of Pharmacology (1988), 93(2), 247-56
 CODEN: BJPCBM; ISSN: 0007-1188
 DT Journal
 LA English

L27 ANSWER 247 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1988:494 CAPLUS
 DN 108:494
 TI Suppression of pentylenetetrazole **seizures** by oral
 administration of a dihydropyridine calcium antagonist
 AU Meyer, Frederic B.; Anderson, Robert E.; Sundt, Thoralf M., Jr.; Yaksh,
 Tony L.; Sharbrough, Frank W.
 CS Dep. Neurosurg., Mayo Clin., Rochester, MN, 55905, USA
 SO Epilepsia (1987), 28(4), 409-14
 CODEN: EPILAK; ISSN: 0013-9580
 DT Journal
 LA English

L27 ANSWER 248 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:570268 CAPLUS
 DN 107:170268
 TI Dihydropyridine receptors: possible allosteric regulation by tremorgenic
 toxins
 AU Valdes, J. J.; Wolff, V. L.; Ross, D. H.
 CS Health Sci. Cent., Univ. Texas, San Antonio, TX, USA
 SO Report (1986), CRDEC-TR-87008; Order No. AD-A175458/9/GAR, 16 pp. Avail.:
 NTIS
 From: Gov. Rep. Announce. Index (U. S.) 1987, 87(7), Abstr. No. 712,405
 DT Report
 LA English

L27 ANSWER 249 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:470067 CAPLUS
 DN 107:70067
 TI Antiepileptic effects of calcium antagonists in animal experiments
 AU Witte, Otto W.; Walden, Joerg; Speckmann, Erwin J.
 CS Physiol. Inst., Univ. Muenster, Muenster, D-4400, Fed. Rep. Ger.
 SO Current Problems in Epilepsy (1987), 3(Epileptic Focus), 193-207
 CODEN: CPEPES; ISSN: 0950-4591
 DT Journal; General Review
 LA English

L27 ANSWER 250 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:154211 CAPLUS
 DN 106:154211
 TI Induction of **seizures** in mice by intracerebroventricular
 administration of the **calcium channel** agonist BAY k
 8644
 AU Shelton, Richard C.; Grebb, Jack A.; Freed, William J.
 CS Med. Sch., Vanderbilt Univ., Nashville, TN, 37232, USA
 SO Brain Research (1987), 402(2), 399-402
 CODEN: BRREAP; ISSN: 0006-8993
 DT Journal
 LA English

L27 ANSWER 251 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:45573 CAPLUS

DN 106:45573
 TI **Calcium channel** antagonists decrease the ethanol withdrawal syndrome
 AU Little, H. J.; Dolin, S. J.; Halsey, M. J.
 CS Univ. Dep. Pharmacol., Oxford, UK
 SO Life Sciences (1986), 39(22), 2059-65
 CODEN: LIFSAK; ISSN: 0024-3205
 DT Journal
 LA English

L27 ANSWER 252 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:618775 CAPLUS
 DN 105:218775
 TI Inhibition of electrically induced **seizures** by a dihydropyridine **calcium channel** blocker
 AU Meyer, Fredric B.; Tally, Philip W.; Anderson, Robert E.; Sundt, Thoralf M., Jr.; Yaksh, Tony L.; Sharbrough, Frank W.
 CS Dep. Neurosurg., Mayo Clin., Rochester, MN, 55905, USA
 SO Brain Research (1986), 384(1), 180-3
 CODEN: BRREAP; ISSN: 0006-8993
 DT Journal
 LA English

L27 ANSWER 253 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:200034 CAPLUS
 DN 104:200034
 TI Selective central nervous system **calcium channel** blockers - a new class of anticonvulsant agents
 AU Meyer, Fredric B.; Anderson, Robert E.; Sundt, Thoralf M., Jr.; Sharbrough, Frank W.
 CS Dep. Neurol. Surg., Mayo Clin., Rochester, MN, 55905, USA
 SO Mayo Clinic Proceedings (1986), 61(4), 239-47
 CODEN: MACPAJ; ISSN: 0025-6196
 DT Journal
 LA English

L27 ANSWER 254 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1984:545 CAPLUS
 DN 100:545
 TI Inhibition of amino acid transmitter release from rat brain slices by phenytoin and related anticonvulsants
 AU Skerritt, John H.; Johnston, Graham A. R.
 CS Dep. Pharmacol., Univ. Sydney, Sydney, Australia
 SO Clinical and Experimental Pharmacology and Physiology (1983), 10(5), 527-33
 CODEN: CEXPB9; ISSN: 0305-1870
 DT Journal
 LA English

L27 ANSWER 255 OF 255 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:10902 CAPLUS
 DN 94:10902
 TI Phenytoin inhibition of cyclic guanosine 3':5'-monophosphate (cGMP) accumulation in neuroblastoma cells by **calcium channel** blockade
 AU Study, Robert E.
 CS Natl. Inst. Child Health Human Dev., Natl. Inst. Health, Bethesda, MD, USA
 SO Journal of Pharmacology and Experimental Therapeutics (1980), 215(3), 575-81
 CODEN: JPETAB; ISSN: 0022-3565
 DT Journal
 LA English

=> s 18 and 122

L28 1 L8 AND L22

=> d k28 1

'K28' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

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SIBIB ----- IBIB, no citations

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 its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
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OCC ----- Number of occurrence of hit term and field in which it occurs

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L28 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 1993:116173 CAPLUS
DN 118:116173
TI Pharmacokinetic evaluation of drug interactions with antihuman immunodeficiency virus drugs. VI. Effect of the **calcium channel** blocker nimodipine on zidovudine kinetics in monkeys
AU Gallo, James M.; Swagler, Anne R.; Mehta, Mehul; Qian, Mingxin
CS Coll. Pharm., Univ. Georgia, Athens, GA, USA
SO Journal of Pharmacology and Experimental Therapeutics (1993), 264(1), 315-20
CODEN: JPETAB; ISSN: 0022-3565
DT Journal
LA English

=> d 128 1 all

L28 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 1993:116173 CAPLUS
DN 118:116173
TI Pharmacokinetic evaluation of drug interactions with antihuman immunodeficiency virus drugs. VI. Effect of the **calcium channel** blocker nimodipine on zidovudine kinetics in monkeys
AU Gallo, James M.; Swagler, Anne R.; Mehta, Mehul; Qian, Mingxin
CS Coll. Pharm., Univ. Georgia, Athens, GA, USA
SO Journal of Pharmacology and Experimental Therapeutics (1993), 264(1), 315-20
CODEN: JPETAB; ISSN: 0022-3565
DT Journal
LA English
CC 1-2 (Pharmacology)
AB Coadministration of zidovudine (AZT) and nimodipine, a **calcium-channel** blocker, is a potential therapeutic regimen in acquired immunodeficiency syndrome patients based on the report that nimodipine can prevent human immunodeficiency virus-induced neurotoxicity in vitro. An evaluation of the pharmacokinetics of AZT and its glucuronide metabolite 3'-azido-3'-deoxy-5'-O-.beta.-D-glucopyranosylthymidine (GAZT) in the presence and absence of nimodipine in monkeys was undertaken. After 20 mg/kg of AZT given i.v. in the presence and absence of nimodipine, nimodipine caused a significant redn. (41%) in the vol. of distribution of AZT at steady state and a 22% decrease in total clearance. The disposition of GAZT was also influenced by nimodipine, causing a large increase in its area under the plasma concn.-time curve. Renal excretion data for AZT and GAZT, although inconclusive, suggested nimodipine caused a decrease in the renal clearance of AZT with a minimal change in the renal clearance of GAZT. The combined effects of nimodipine on the clearance of AZT and vol. of distribution at steady state produced no change in its elimination half-life.
ST nimodipine zidovudine pharmacokinetics interactions
IT Acquired immune deficiency syndrome
(therapy of, nimodipine interaction with zidovudine pharmacokinetics in relation to)
IT Kidney, metabolism
(zidovudine excretion by, nimodipine effect on)
IT Drug interactions

(pharmacokinetic, of nimodipine with zidovudine, AIDS therapy in relation to)
 IT 66085-59-4, Nimodipine
 RL: PRP (Properties)
 (interaction of, with zidovudine pharmacokinetics, AIDS therapy in relation to)
 IT **30516-87-1**, Zidovudine **117675-21-5**
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 (pharmacokinetics of, nimodipine interaction with, AIDS therapy in relation to)

=> s hiv
 L29 48533 HIV

=> s 129 and 111
 L30 0 L29 AND L11

=> s 129 and 112
 L31 0 L29 AND L12

=> s gaba
 L32 32911 GABA

=> s 132 and 129
 L33 10 L32 AND L29

=> d 133 1-10

L33 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:707892 CAPLUS
 DN 138:102399
 TI Protein therapy from gene therapy
 AU Tomizawa, Kazuhito; Matsushita, Masayuki; Sugimoto, Naoki; Matsui, Hideki
 CS Graduate School of Medicine and Dentistry, Okayama University, Okayama, 700-8558, Japan
 SO Kagaku (Kyoto, Japan) (2002), 57(9), 50-55
 CODEN: KAKYAU; ISSN: 0451-1964
 PB Kagaku Dojin
 DT Journal; General Review
 LA Japanese

L33 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:265645 CAPLUS
 DN 134:292402
 TI Methods for identifying RNA binding compounds
 IN Rana, Tariq M.
 PA University of Medicine and Dentistry of New Jersey, USA
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025486	A1	20010412	WO 2000-US27389	20001004
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				
	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				
	LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				
	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,				

ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1218544 A1 20020703 EP 2000-968684 20001004
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 US 6420591 B1 20020716 US 2000-679728 20001004
 US 6503713 B1 20030107 US 2000-679451 20001004
 PRAI US 1999-157646P P 19991004
 WO 2000-US27389 W 20001004
 RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:169350 CAPLUS
 DN 134:336022
 TI Prenatal AZT or 3TC and mouse development of locomotor activity and
 hot-plate responding upon administration of the GABAA receptor agonist
 muscimol
 AU Ricceri, Laura; Venerosi, Aldina; Valanzano, Angela; Sorace, Alberto;
 Allea, Enrico
 CS Section of Comparative Psychology, Laboratorio di Fisiopatologia di Organo
 e di Sistema, Istituto Superiore di Sanita, Rome, 00161, Italy
 SO Psychopharmacology (Berlin, Germany) (2001), 153(4), 434-442
 CODEN: PSCHDL; ISSN: 0033-3158
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 1998:741915 CAPLUS
 DN 130:137738
 TI Changes in N-acetylaspartate and myo-inositol detected in the cerebral
 cortex of hamsters with Creutzfeldt-Jakob disease
 AU Behar, K. L.; Boucher, R.; Fritch, W.; Manuelidis, L.
 CS Department of Neurology, Yale University School of Medicine, New Haven,
 CT, USA
 SO Magnetic Resonance Imaging (1998), 16(8), 963-968
 CODEN: MRIMDQ; ISSN: 0730-725X
 PB Elsevier Science Inc.
 DT Journal
 LA English
 RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 1998:637595 CAPLUS
 DN 130:47126
 TI Profiling established cell lines as a means to screening diversity
 AU Good, Evelyn; Perschke, Scott; Lopez, Rani; Chang, Sonia; Kinsler, April;
 Snowman, Adele; Lacombe, Jason; Fedock, Michael; Zeppetello, Rene; Zysk,
 John R.
 CS NovaScreen, a Division of Oceanix Biosciences Corp., Hanover, MD, 21076,
 USA
 SO Journal of Biomolecular Screening (1998), 3(3), 231-236
 CODEN: JBISF3; ISSN: 1087-0571
 PB Mary Ann Liebert, Inc.
 DT Journal
 LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS

AN 1998:568743 CAPLUS

DN 129:184244

TI Inhibition of viral or cancer gene transcription by polyamide DNA-binding ligands

IN Gottesfeld, Joel M.; Dervan, Peter B.; Mosier, Donald E.; Baird, Eldon E.

PA California Institute of Technology, USA; The Scripps Research Institute

SO PCT Int. Appl., 113 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 11

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9835702	A1	19980820	WO 1998-US2444	19980211
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	WO 9850582	A1	19981112	WO 1997-US12722	19970721
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9861517	A1	19980908	AU 1998-61517	19980211
	AU 749953	B2	20020704		
	EP 964703	A1	19991222	EP 1998-906240	19980211
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2002515057	T2	20020521	JP 1998-535845	19980211
PRAI	US 1997-38384P	P	19970214		
	US 1997-38394P	P	19970214		
	US 1997-853022	A2	19970421		
	WO 1997-US12722	A2	19970721		
	US 1997-853522	A	19970508		
	US 1997-853525	A	19970508		
	US 1997-56048P	P	19970902		
	US 1997-58338P	P	19970910		
	WO 1998-US2444	W	19980211		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS

AN 1998:426802 CAPLUS

DN 129:202009

TI Intraventricular injection of human immunodeficiency virus type 1 (HIV-1) Tat protein causes inflammation, gliosis, apoptosis, and ventricular enlargement

AU Jones, Melina; Olafson, Kendiss; Del Bigio, Marc R.; Peeling, James; Nath, Avindra

CS Departments of Microbiology and Immunology, University of Kentucky,
Lexington, KY, USA
SO Journal of Neuropathology and Experimental Neurology (1998), 57(6),
563-570
CODEN: JNENAD; ISSN: 0022-3069
PB American Association of Neuropathologists, Inc.
DT Journal
LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 1998:343171 CAPLUS
DN 129:107409
TI The pattern of neurotransmitter alterations in LP-BM5 infected mice is
consistent with glutamatergic hyperactivation
AU Kustova, Yelena; Ha, Jeoung-Hee; Espey, Michael G.; Sei, Yoshitatsu;
Morse, David; Basile, Anthony S.
CS NIDDK, Laboratory of Bio-Organic Chemistry, National Institutes of Health,
Bethesda, MD, 20892, USA
SO Brain Research (1998), 793(1,2), 119-126
CODEN: BRREAP; ISSN: 0006-8993
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 1997:456003 CAPLUS
DN 127:121573
TI The use of enzymes for the preparation of biologically active natural
products and analogs in optically active form
AU Roberts, S.M.; Williamson, N.M.
CS Department of Chemistry, University of Liverpool, Liverpool, L69 3BX, UK
SO Current Organic Chemistry (1997), 1(1), 1-20
CODEN: CORCFE; ISSN: 1385-2728
PB Bentham Science Publishers
DT Journal; General Review
LA English

L33 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 1991:82496 CAPLUS
DN 114:82496
TI Design and synthesis of new fluorogenic **HIV** protease substrates
based on resonance energy transfer
AU Wang, Gary T.; Matayoshi, Edmund; Huffaker, H. Jan; Krafft, Grant A.
CS Abbott Lab., Abbott Park, IL, 60064-3500, USA
SO Tetrahedron Letters (1990), 31(45), 6493-6
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 114:82496

=> d his

(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1 5 S NIMODIPINE
L2 0 S FELDIPINE

L3 1 S GABATRIL
 L4 4 S TIAGABINE
 L5 3 S BENADRYL
 L6 70 S METHYLPREDNISOLONE
 L7 6 S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8 22343 S CALCIUM CHANNEL
 E IMUNE
 E IMMUNE
 L9 146767 S E3
 L10 1810 S L1
 L11 208 S L3
 L12 227 S L4
 L13 1339 S L5
 L14 9 S L10 AND L11
 L15 11 S L10 AND L12
 L16 0 S L14 NOT L15
 L17 0 S L13 AND L15
 E SEISURE
 E SEIZURE
 L18 18428 S E3-E8
 L19 54 S L18 AND L9
 L20 2 S L18 AND L13
 L21 64 S L18 AND L10
 L22 4503 S L7
 L23 71 S L18 AND L11
 L24 0 S L18 AND L22
 L25 81 S L18 AND L12
 L26 81 S L18 AND L12
 L27 255 S L18 AND L8
 L28 1 S L8 AND L22
 L29 48533 S HIV
 L30 0 S L29 AND L11
 L31 0 S L29 AND L12
 L32 32911 S GABA
 L33 10 S L32 AND L29

=> e fngal

E1 1 FNG722/BI
 E2 1 FNGACITY/BI
 E3 0 --> FNGAL/BI
 E4 1 FNGDR/BI
 E5 1 FNGERPRINTING/BI
 E6 2 FNGERPRINTS/BI
 E7 3 FNGFR/BI
 E8 1 FNGG/BI
 E9 1 FNGHI/BI
 E10 1 FNGICIDAL/BI
 E11 1 FNGICIDE/BI
 E12 1 FNGICIDES/BI

=> e fungal

E1 1 FUNGAIS/BI
 E2 1 FUNGAKL/BI
 E3 37228 --> FUNGAL/BI
 E4 2 FUNGALAMYLASE/BI
 E5 1 FUNGALASE/BI
 E6 1 FUNGALI/BI
 E7 2 FUNGALLIKE/BI
 E8 38 FUNGALLY/BI
 E9 6 FUNGALS/BI

E10 1 FUNGALY/BI
E11 1 FUNGALYSIN/BI
E12 1 FUNGAMIL/BI

=> s e3

L34 37228 FUNGAL/BI

=> s 134 and 122

L35 20 L34 AND L22

=> d 135 5-20

L35 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 2001:149050 CAPLUS

DN 134:188184

TI 2-thienyl-imidazolo[4,5]pyridine compounds for treatment of viral and
fungal infections and Kaposi's sarcoma

IN Camden, James Berger; Gardner, Joseph Herman; Stanton, David Thomas

PA The Procter & Gamble Company, USA

SO U.S., 16 pp., Cont.-in-part of U.S. Ser. No. 281,892, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6194430	B1	20010227	US 2000-538006	20000329
PRAI	US 1999-281892	B2	19990331		
OS	MARPAT 134:188184				

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 2000:911409 CAPLUS

DN 134:69876

TI Subcellular distribution of uncoupling proteins as a marker of cell
proliferation capacity and its manipulation in tumor therapy

IN Newell, Martha K.

PA University of Vermont and State Agricultural College, USA

SO PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000078941	A2	20001228	WO 2000-US17245	20000622
	WO 2000078941	A3	20010222		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP	1194168	A2	20020410	EP 2000-943076	20000622
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP	2003503319	T2	20030128	JP 2001-505684	20000622
PRAI	US 1999-140574P	P	19990623		

L35 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 2000:706974 CAPLUS

DN 133:286468

TI Viral treatment using 2-thienyl-imidazolo[4,5]pyridine derivatives

IN Camden, James Berger; Gardner, Joseph Herman; Stanton, David Thomas

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000057870	A2	20001005	WO 2000-US8419	20000329
	WO 2000057870	A3	20010308		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1165077	A2	20020102	EP 2000-919868	20000329
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002540151	T2	20021126	JP 2000-607621	20000329
PRAI	US 1999-281892	A	19990331		
	WO 2000-US8419	W	20000329		
OS	MARPAT 133:286468				

L35 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 2000:420977 CAPLUS

DN 133:68934

TI Cytokine combination therapy for indications of immunodeficiency

IN Prendergast, Patrick T.

PA Hollis-Eden Pharmaceuticals, USA

SO PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000035472	A2	20000622	WO 1999-IB2001	19991215
	WO 2000035472	A3	20001109		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 1998-112206P	P	19981215		
OS	MARPAT 133:68934				

L35 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 2000:98300 CAPLUS
 DN 132:132356
 TI Chemically induced intracellular hyperthermia for therapeutic and diagnostic use
 IN Bachynsky, Nicholas; Roy, Woodie
 PA Texas Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 149 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006143	A1	20000210	WO 1999-US16940	19990727
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2337690	AA	20000210	CA 1999-2337690	19990727
	AU 9951318	A1	20000221	AU 1999-51318	19990727
	AU 750313	B2	20020718		
	EP 1098641	A1	20010516	EP 1999-935949	19990727
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1998-94286P	P	19980727		
	WO 1999-US16940	W	19990727		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1998:764282 CAPLUS
 DN 130:20546
 TI HIV and cancer treatment
 IN Camden, James Berger
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9851303	A1	19981119	WO 1997-US21564	19971126
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	ZA 9709095	A	19980511	ZA 1997-9095	19971010
	AU 9874029	A1	19981208	AU 1998-74029	19971126
	EP 954309	A1	19991110	EP 1997-949599	19971126
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	BR 9712981	A	20000418	BR 1997-12981	19971126
	CN 1254281	A	20000524	CN 1997-182189	19971126

JP 2000510156	T2	20000808	JP 1998-522997	19971126
NO 9901701	A	20000117	NO 1999-1701	19990409
KR 2000049064	A	20000725	KR 1999-703137	19990410
PRAI US 1997-46726P	P	19970516		
WO 1997-US21564	W	19971126		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1998:681024 CAPLUS
DN 130:60568
TI Pharmacokinetics and tissue distribution of (.-)-3'-azido-2',3'-dideoxy-5'-O-(2-bromomyristoyl)thymidine, a prodrug of 3'-azido-2',3'-dideoxythymidine (AZT) in mice
AU Parang, Keykavous; Wiebe, Leonard I.; Knaus, Edward E.
CS Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta, Edmonton, AB, T6G 2N8, Can.
SO Journal of Pharmacy and Pharmacology (1998), 50(9), 989-996
CODEN: JPPMAB; ISSN: 0022-3573
PB Royal Pharmaceutical Society of Great Britain
DT Journal
LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1998:180782 CAPLUS
DN 128:256389
TI Immune direction therapy
IN Prendergast, Patrick T.
PA Prendergast, Patrick T., Ire.
SO PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9810787	A2	19980319	WO 1997-IB1086	19970910
	WO 9810787	A3	19980730		
	W:		AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG		
	AU 9741320	A1	19980402	AU 1997-41320	19970910
	EP 929568	A2	19990721	EP 1997-939105	19970910
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI		
	CN 1230195	A	19990929	CN 1997-197816	19970910
	JP 2001503613	T2	20010321	JP 1998-513435	19970910
	NZ 335039	A	20010427	NZ 1997-335039	19970910
	SE 9900812	A	19990308	SE 1999-812	19990308
PRAI	US 1996-25180P	P	19960911		
	WO 1997-IB1086	W	19970910		

L35 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1997:789479 CAPLUS
DN 128:97352

TI Regional differences in use of antiretroviral agents and primary prophylaxis in 3122 European HIV-infected patients
 AU Lundgren, Jens D.; Phillips, Andrew N.; Vella, Stefano; Katlama, Christine; Ledergerber, Bruno; Johnson, Anne M.; Reiss, Peter; Gatell, Jose; Clumeck, Nathan; Dietrich, Manfred; Benfield, Thomas L.; Nielsen, Jens O.; Pedersen, Court
 CS The EuroSIDA Study Group, Hvidovre Hospital, University of Copenhagen, Hvidovre, 2650, Den.
 SO Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology (1997), 16(3), 153-160
 CODEN: JDSRET; ISSN: 1077-9450
 PB Lippincott-Raven Publishers
 DT Journal
 LA English

L35 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1995:713967 CAPLUS

DN 123:102800

TI DHUdase or UrdPase inhibitors as therapeutic agents

IN El Kouni, Mahmoud H.; Naguib, Fardos N. M.; Schinazi, Raymond F.

PA UAB Research Foundation, USA

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9512400	A1	19950511	WO 1994-US11173	19940930
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5476855	A	19951219	US 1993-146838	19931102
	CA 2176720	AA	19950511	CA 1994-2176720	19940930
	AU 9478476	A1	19950523	AU 1994-78476	19940930
	AU 699914	B2	19981217		
	EP 725641	A1	19960814	EP 1994-929398	19940930
	EP 725641	B1	20001213		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 09507054	T2	19970715	JP 1994-513211	19940930
	AT 198046	E	20001215	AT 1994-929398	19940930
	ES 2155093	T3	20010501	ES 1994-929398	19940930
	US 5721241	A	19980224	US 1995-466470	19950606
	US 37623	E	20020402	US 1997-980629	19971201
PRAI	US 1993-146838	A	19931102		
	WO 1994-US11173	W	19940930		
OS	MARPAT 123:102800				

L35 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1993:440940 CAPLUS

DN 119:40940

TI Uses of acemannan or other aloe products in the treatment of diseases requiring intervention of the immune system for cure

IN McAnalley, Bill H.; Carpenter, Robert H.; McDaniel, Harley R.

PA Carrington Laboratories, Inc., USA

SO PCT Int. Appl., 115 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9308810	A1	19930513	WO 1991-US8204	19911105

W: AT, AU, BB, BG, BR, CA, CH, DE, DK, ES, FI, GB, HU, JP, KP, KR,
LK, LU, MC, MG, MW, NL, NO, PL, RO, SD, SE, SU
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, ML, MR, SN, TD, TG

AU 9190831 A1 19930607 AU 1991-90831 19911105
EP 611304 A1 19940824 EP 1992-900586 19911105
EP 611304 B1 19990915

R: DE, FR, GB, IT
EP 965346 A2 19991222 EP 1999-200519 19911105
EP 965346 A3 20000126

R: DE, FR, GB, IT
PRAI EP 1992-900586 19911105
WO 1991-US8204 19911105

L35 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1990:509321 CAPLUS

DN 113:109321

TI Aminoalkyl naphthalenediols as host resistance enhancers against viral infection

IN Durette, Philippe L.

PA Merck and Co., Inc., USA

SO U.S., 12 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4925831	A	19900515	US 1987-60208	19870611
	EP 393256	A1	19901024	EP 1989-201038	19890421

R: CH, DE, FR, GB, IT, LI, NL

PRAI US 1987-60208 19870611

OS MARPAT 113:109321

L35 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1990:112073 CAPLUS

DN 112:112073

TI Dipeptidyl 5-0,6-0-acyl-2-amino-2-deoxy-D-glucofuranose compositions and methods of use in AIDS-immunocompromised human hosts

IN Durette, Philippe L.

PA Merck and Co., Inc., USA

SO U.S., 11 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4866036	A	19890912	US 1987-105057	19871005
PRAI	US 1987-105057		19871005		

OS CASREACT 112:112073; MARPAT 112:112073

L35 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1990:112072 CAPLUS

DN 112:112072

TI Dipeptidyl saccharides as host resistance enhancers in AIDS-immuno-compromised hosts and methods of use

IN Durette, Philippe L.

PA Merck and Co., Inc., USA

SO U.S., 19 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4866035	A	19890912	US 1987-105056	19871005
PRAI	US 1987-105056		19871005		
OS	CASREACT 112:112072; MARPAT 112:112072				

L35 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1987:135100 CAPLUS

DN 106:135100

TI Antibacterial activity and mechanism of action of 3'-azido-3'-deoxythymidine (BW A509U)

AU Elwell, Lynn P.; Ferone, Robert; Freeman, G. Andrew; Fyfe, James A.; Hill, John A.; Ray, Paul H.; Richards, Cynthia A.; Singer, Sara C.; Knick, Victoria B.; et al.

CS Dep. Microbiol., Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA

SO Antimicrobial Agents and Chemotherapy (1987), 31(2), 274-80

CODEN: AMACQ; ISSN: 0066-4804

DT Journal

LA English

L35 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1985:449638 CAPLUS

DN 103:49638

TI Efficacy of fungicides on two seed-borne **fungal** infections of wheat

AU Basak, A. B.; Karim, M. R.; Hoque, M. N.; Biswas, A. P.

CS Dep. Bot., Univ. Chittagong, Chittagong, Bangladesh

SO Chittagong University Studies, Part II: Science (1984), 8(1), 41-3

CODEN: CUSCDP; ISSN: 0253-5459

DT Journal

LA English

=> d 135 19 all

L35 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2003 ACS

AN 1987:135100 CAPLUS

DN 106:135100

TI Antibacterial activity and mechanism of action of 3'-azido-3'-deoxythymidine (BW A509U)

AU Elwell, Lynn P.; Ferone, Robert; Freeman, G. Andrew; Fyfe, James A.; Hill, John A.; Ray, Paul H.; Richards, Cynthia A.; Singer, Sara C.; Knick, Victoria B.; et al.

CS Dep. Microbiol., Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA

SO Antimicrobial Agents and Chemotherapy (1987), 31(2), 274-80

CODEN: AMACQ; ISSN: 0066-4804

DT Journal

LA English

CC 10-5 (Microbial Biochemistry)

AB The thymidine analog 3'-azido-3'-deoxythymidine (AZT) had potent bactericidal activity against many members of the family Enterobacteriaceae, including strains of Escherichia coli, Salmonella typhimurium, Klebsiella pneumoniae, Shigella flexneri, and Enterobacter aerogenes. AZT also had bactericidal activity against Vibrio cholerae and the fish pathogen V. anguillarum. AZT had no activity against Pseudomonas aeruginosa, gram-pos. bacteria, anaerobic bacteria, Mycobacterium tuberculosis, nontuberculosis mycobacteria, or most **fungal** pathogens. Several lines of evidence indicated that AZT must be activated

to the nucleotide level to inhibit cellular metab.: (1) AZT was a substrate for *E. coli* thymidine kinase, (2) spontaneously arising AZT-resistant mutants of *E. coli* ML-30 and *S. typhimurium* were deficient in thymidine kinase, and (3) intact *E. coli* ML-30 cells converted [3H]AZT to its mono-, di-, and triphosphate metabolites. Of the phosphorylated metabolites, AZT-5'-triphosphate was the most potent inhibitor of replicative DNA synthesis in toluene-permeabilized *E. coli* pol A mutant cells. AZT-treated *E. coli* cultures grown in minimal medium contained highly elongated cells consistent with the inhibition of DNA synthesis. AZT-triphosphate was a specific DNA chain terminator in the in vitro DNA polymn. reaction catalyzed by the Klenow fragment of *E. coli* DNA polymerase I. Thus, DNA chain termination may explain the lethal properties of this compd. against susceptible microorganisms.

ST azidodeoxythymidine bactericidal action
 IT Deoxyribonucleic acid formation
 (azidodeoxythymidine inhibition of, in *Escherichia coli*, bactericidal action in relation to)
 IT Enterobacteriaceae
 Escherichia coli
 Vibrio anguillarum
 Vibrio cholerae
 (azidodeoxythymidine inhibition of, mechanism of action of)
 IT Phosphorylation, biological
 (of azidodeoxythymidine, by *Escherichia coli*, bactericidal action in relation to)
 IT Microbicidal and microbiostatic action
 (bactericidal, of azidodeoxythymidine)
 IT **30516-87-1**, 3'-Azido-3'-deoxythymidine
 RL: BIOL (Biological study)
 (antibacterial activity and mechanism of action of)
 IT 9002-06-6, Thymidine kinase
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with azidodeoxythymidine)

=> s 122 and 19

L36 560 L22 AND L9

=> s 136 and equilibrium

0 EQUILIRIUM

L37 0 L36 AND EQUILIRIUM

=> s cns

L38 27282 CNS

=> s 138 and 136

L39 6 L38 AND L36

=> d 139 1-6

L39 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 2002:310344 CAPLUS

DN 136:379523

TI Therapeutic effects of nonnucleoside reverse transcriptase inhibitors on the central nervous system in HIV-1-infected patients

AU von Giesen, Hans Jurgen; Koller, Hubertus; Theisen, Albert; Arendt, Gabriele

CS Department of Neurology, Heinrich Heine University, Dusseldorf, D-40001, Germany

SO JAIDS, Journal of Acquired Immune Deficiency Syndromes (2002), 29(4), 363-367

CODEN: JJASFJ

PB Lippincott Williams & Wilkins
DT Journal
LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2001:250585 CAPLUS
DN 135:189795
TI Therapeutic effects of nucleoside analogues on psychomotor slowing in HIV infection
AU Arendt, Gabriele; Giesen, Hans-Jurgen V.; Hefter, Harald; Theisen, Albert
CS Departments of Neurology and Gastroenterology, Heinrich Heine University, Dusseldorf, D-40001, Germany
SO AIDS (London, United Kingdom) (2001), 15(4), 493-500
CODEN: AIDSET; ISSN: 0269-9370
PB Lippincott Williams & Wilkins
DT Journal
LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2000:262806 CAPLUS
DN 132:274023
TI HIV-related non-Hodgkin's lymphoma: CHOP induction therapy and interferon-.alpha.-2b/zidovudine maintenance therapy
AU Weiss, Rudolf; Huhn, Dieter; Mitrou, Paris; Nerl, Christoph; Schurmann, Dirk; Scheidegger, Clemens; Knauf, Wolfgang; Trenn, Guido; Kronawitter, Ursula; Van Lunzen, Jan; Arasteh, Keikawus; Herbst, Hermann
CS Stadtische Kliniken Offenbach, Germany
SO Leukemia & Lymphoma (1998), 29(1/2), 103-118
CODEN: LELYEA; ISSN: 1042-8194
PB Harwood Academic Publishers
DT Journal
LA English

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 1995:702385 CAPLUS
DN 123:102528
TI Zidovudine treatment prolongs survival and decreases virus load in the central nervous system of rhesus macaques infected perinatally with simian immunodeficiency virus
AU Rausch, D. M.; Heyes, M. P.; Murray, E. A.; Eiden, L. E.
CS Laboratory of Cell Biology, National Institute of Mental Health, Bethesda, MD, 20892, USA
SO Journal of Infectious Diseases (1995), 172(1), 59-69
CODEN: JIDIAQ; ISSN: 0022-1899
DT Journal
LA English

L39 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 1994:207867 CAPLUS
DN 120:207867
TI In vitro and in vivo transport of zidovudine (AZT) across the blood-brain barrier and the effect of transport inhibitors
AU Masereeuw, Rosalinde; Jaehde, Ulrich; Langemeijer, Mariska W. E.; de Boer, Albertus G.; Breimer, Douwe D.
CS Leiden/Amsterdam Cent. Drug Res., Leiden Univ., Leiden, NL-2300, Neth.
SO Pharmaceutical Research (1994), 11(2), 324-30

CODEN: PHREEB; ISSN: 0724-8741

DT Journal
LA English

L39 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 1990:400213 CAPLUS

DN 113:213

TI Inhibitory effects of 9-(2-phosphonylmethoxyethyl)adenine and
3'-azido-2',3'-dideoxythymidine on tumor development in mice inoculated
intracerebrally with Moloney murine sarcoma virus

AU Balzarini, Jan; Sobis, Halina; Naesens, Lieve; Vandeputte, Michel; De
Clercq, Erik

CS Rega Inst. Med. Res., Kathol. Univ. Leuven, Louvain, B-3000, Belg.

SO International Journal of Cancer (1990), 45(3), 486-9

CODEN: IJCNAW; ISSN: 0020-7136

DT Journal
LA English

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(FILE 'HOME' ENTERED AT 13:01:53 ON 01 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:02:00 ON 01 APR 2003

L1 5 S NIMODIPINE
L2 0 S FELDIPINE
L3 1 S GABATRIL
L4 4 S TIAGABINE
L5 3 S BENADRYL
L6 70 S METHYLPREDNISOLONE
L7 6 S AZT

FILE 'CAPLUS' ENTERED AT 13:04:38 ON 01 APR 2003

L8 22343 S CALCIUM CHANNEL
E IMUNE
E IMMUNE
L9 146767 S E3
L10 1810 S L1
L11 208 S L3
L12 227 S L4
L13 1339 S L5
L14 9 S L10 AND L11
L15 11 S L10 AND L12
L16 0 S L14 NOT L15
L17 0 S L13 AND L15
E SEISURE
E SEIZURE
L18 18428 S E3-E8
L19 54 S L18 AND L9
L20 2 S L18 AND L13
L21 64 S L18 AND L10
L22 4503 S L7
L23 71 S L18 AND L11
L24 0 S L18 AND L22
L25 81 S L18 AND L12
L26 81 S L18 AND L12
L27 255 S L18 AND L8
L28 1 S L8 AND L22
L29 48533 S HIV
L30 0 S L29 AND L11
L31 0 S L29 AND L12
L32 32911 S GABA

AN 1987:135100 CAPLUS
 DN 106:135100
 TI Antibacterial activity and mechanism of action of 3'-azido-3'-deoxythymidine (BW A509U)
 AU Elwell, Lynn P.; Ferone, Robert; Freeman, G. Andrew; Fyfe, James A.; Hill, John A.; Ray, Paul H.; Richards, Cynthia A.; Singer, Sara C.; Knick, Victoria B.; et al.
 CS Dep. Microbiol., Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
 SO Antimicrobial Agents and Chemotherapy (1987), 31(2), 274-80
 CODEN: AMACCQ; ISSN: 0066-4804
 DT Journal
 LA English
 CC 10-5 (Microbial Biochemistry)
 AB The thymidine analog 3'-azido-3'-deoxythymidine (AZT) had potent bactericidal activity against many members of the family Enterobacteriaceae, including strains of *Escherichia coli*, *Salmonella typhimurium*, *Klebsiella pneumoniae*, *Shigella flexneri*, and *Enterobacter aerogenes*. AZT also had bactericidal activity against *Vibrio cholerae* and the fish pathogen *V. anguillarum*. AZT had no activity against *Pseudomonas aeruginosa*, gram-pos. bacteria, anaerobic bacteria, *Mycobacterium tuberculosis*, nontuberculosis mycobacteria, or most **fungal** pathogens. Several lines of evidence indicated that AZT must be activated to the nucleotide level to inhibit cellular metab.: (1) AZT was a substrate for *E. coli* thymidine kinase, (2) spontaneously arising AZT-resistant mutants of *E. coli* ML-30 and *S. typhimurium* were deficient in thymidine kinase, and (3) intact *E. coli* ML-30 cells converted [3H]AZT to its mono-, di-, and triphosphate metabolites. Of the phosphorylated metabolites, AZT-5'-triphosphate was the most potent inhibitor of replicative DNA synthesis in toluene-permeabilized *E. coli* pol A mutant cells. AZT-treated *E. coli* cultures grown in minimal medium contained highly elongated cells consistent with the inhibition of DNA synthesis. AZT-triphosphate was a specific DNA chain terminator in the in vitro DNA polymn. reaction catalyzed by the Klenow fragment of *E. coli* DNA polymerase I. Thus, DNA chain termination may explain the lethal properties of this compd. against susceptible microorganisms.
 ST azidodeoxythymidine bactericidal action
 IT Deoxyribonucleic acid formation
 (azidodeoxythymidine inhibition of, in *Escherichia coli*, bactericidal action in relation to)
 IT Enterobacteriaceae
 Escherichia coli
 Vibrio anguillarum
 Vibrio cholerae
 (azidodeoxythymidine inhibition of, mechanism of action of)
 IT Phosphorylation, biological
 (of azidodeoxythymidine, by *Escherichia coli*, bactericidal action in relation to)
 IT Microbicidal and microbiostatic action
 (bactericidal, of azidodeoxythymidine)
 IT **30516-87-1**, 3'-Azido-3'-deoxythymidine
 RL: BIOL (Biological study)
 (antibacterial activity and mechanism of action of)
 IT 9002-06-6, Thymidine kinase
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with azidodeoxythymidine)

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L33 10 S L32 AND L29
 E FNGAL
 E FUNGAL
 L34 37228 S E3
 L35 20 S L34 AND L22
 L36 560 S L22 AND L9
 L37 0 S L36 AND EQUILIRIUM
 L38 27282 S CNS
 L39 6 S L38 AND L36

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	214.35	245.70
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

STN INTERNATIONAL LOGOFF AT 13:37:16 ON 01 APR 2003